The H. Chapin's Son Co.

Pine Meadow, Conn., U. S. A.

1897

PRICE LIST

and

Illustrated Catalogue

of

RULES, PLANES, GAUGES,

Moulding Planes, Grooving Plows, Plumbs and Levels, Door Stops, Hand Screws, Handles, Turning Saw Frames and Saws, C. Scholl's Patent Gauge, Marden's Patent Gauge, Plane Irons, Spoke Shaves, Etc., Etc.,

Manufactured by

THE H. CHAPIN'S SON CO.,

UNION FACTORY,

Established 1826.

R. E. HOLMES, *President.*

H. M. CHAPIN, *Vice-President.*

F. M. CHAPIN, *Sec'y and Treasurer.*

PINE MEADOW, CONN., U. S. A.

September, 1897.

INDEX.

	PAGE.
Astragals,	28
Awl Hafts,	77
Awl Handles,	77
Applewood Planes,	25
Boxwood Rules,	3 to 12
Board Measure,	9, 15
Bench Rules,	15
Board Sticks,	15
Bench Planes,	18 to 25
Boxwood Planes,	25
Bead Planes,	27 to 29
Caliper Rules, Boxwood,	10
" " Ivory,	14
Carriage Makers' Tools,	26
Coopers' Planes,	24
Cornice Planes,	54
Chisel Handles,	76
Dado Planes,	30
Door Stops,	78
Filletster Planes,	31
File Handles,	77
Gauges,	60 to 63
" Marking,	60
" Cutting,	61
" Panel,	61
" Mortise,	61
" Slitting,	61
" Scholl's Patent,	62
" Marden's Patent,	63
Gauging Rods,	16
Hollows and Rounds,	33 to 38
Hand Screws,	72
" " Beaded,	73
Ivory Rules,	13, 14
Level Glass,	71
Log Sticks,	15
Levels,	64, 71
Machinists' Levels,	70
Miscellaneous Rules,	15, 16

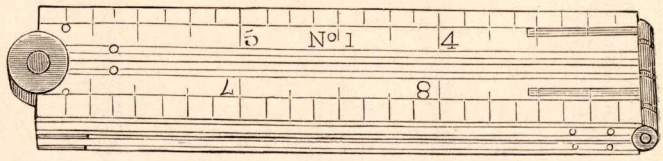
	PAGE.
Miscellaneous Planes,	24
Moulding Planes,	44 to 54
Match "	40
Nosing "	30
Ogee "	44 to 48
" Grecian Planes,	47, 48
Ovolo Planes,	49 to 51
" Grecian Planes,	49, 50
Planes, Common Bench,	18
" Extra "	19, 20
" Premium "	21, 22
" Without Irons,	23
" Panel,	31
Plows, Grooving,	55 to 59
" " Pat. Adjusting,	58, 59
Plumbs and Levels,	64 to 70
" " Pat. Adjustable,	66 to 68
Pocket Levels,	71
Plane Handles,	78
" Irons,	80
" Stops,	80
Rulers,	17
Rules,	3 to 16
Rabbet Planes,	32
Rosewood Planes,	25
Ship Carpenters' Bevels,	10
" Planes,	23
" Scrapers,	79
Slide Rules,	9
Sash Planes,	41 to 43
Saw Handles,	78
Spoke Shaves,	79
Stationers' Goods,	17
Table Planes,	39
Turning-Saw Frames,	74
" " and Saws,	75
Wantage Rods,	16
Yard Sticks,	15

THE CASE, LOCKWOOD & BRAINARD CO., HARTFORD, CONN.

The H. Chapin's Son Co.

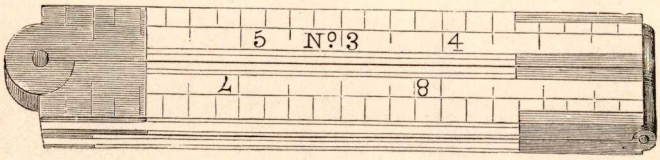
BOXWOOD RULES.

One Foot. Four-Fold. Narrow.



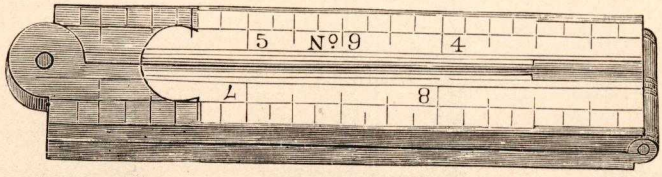
No. 1.

No.		Per Dozen.
1.	Round Joint, Middle Plates, 8ths and 16ths, $\frac{5}{8}$ inch wide, . . .	$3.00
2.	Square " " " " " $\frac{5}{8}$ "	3.50



No. 3.

3.	Square Joint,	Edge Plates,	8ths and 16ths,	$\frac{5}{8}$	inch wide,	. . .	$5.00
4.	" "	Half Bound,	" "	$\frac{5}{8}$	"	. . . .	9.00
5.	" "	Bound,	" "	$\frac{5}{8}$	"	. . . .	11.00
6.	Arch Joint,	Middle Plates,	" "	$\frac{5}{8}$	"	. . . .	4.00
7.	" "	Edge "	" "	$\frac{5}{8}$	"	. . . .	6.00
8.	" "	Half Bound,	" "	$\frac{5}{8}$	"	. . . .	10.00

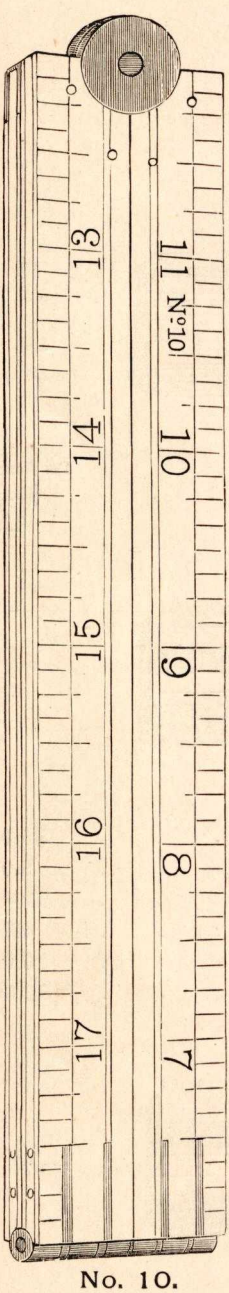


No. 9.

9.	Arch Joint, Bound, 8ths and 16ths, $\frac{5}{8}$ inch wide, ...	$12.00

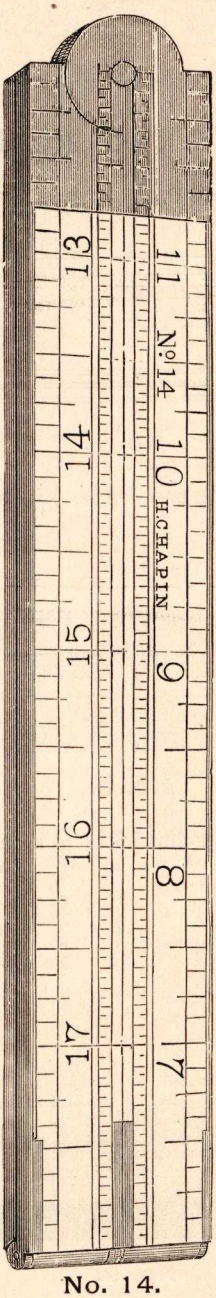
BOXWOOD RULES.

Two Feet. Four-Fold. Narrow.



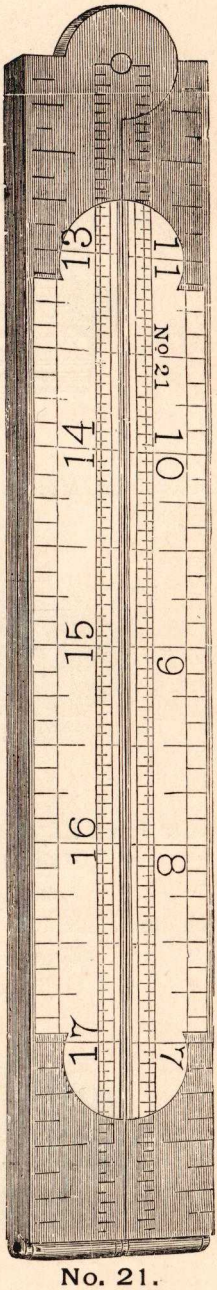
No. 10.

Round Joint, Middle Plate.



No. 14.

Square Joint, Half Bound.



No. 21.

Double Arch Joint, Bound.

BOXWOOD RULES.

Two Feet. Four-Fold. Narrow.

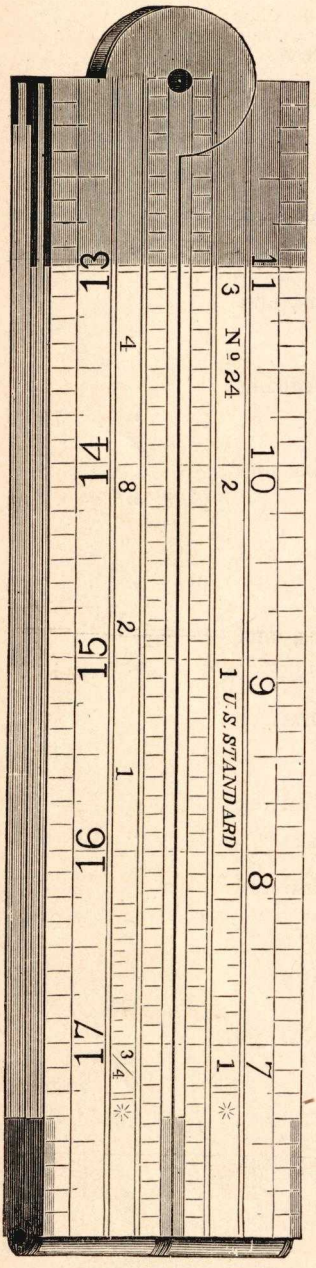
No.			Per Dozen.
10.	Round Joint, Middle Plates, 8ths and 16ths, . . .	1 inch wide,	$4.00
11.	Square " " " " "	1 "	5.00
12.	" " Edge " 8ths, 16ths, 10ths, 12ths, and Drafting Scales, ...	1 "	7.00
14.	Square Joint, Half Bound, 8ths, 16ths, 10ths, 12ths, and Drafting Scales, ...	1 "	12.00
15.	Square Joint, Bound, 8ths, 16ths, 10ths, 12ths, and Drafting Scales, ...	1 "	15.00
16.	Arch Joint, Middle Plates, 8ths, 16ths, 10ths, 12ths, and Drafting Scales, ...	1 "	6.00
17.	Arch Joint, Edge Plates, 8ths, 16ths, 10ths, 12ths, and Drafting Scales, ...	1 "	8.00
18.	Arch Joint, Half Bound, 8ths, 16ths, 10ths, 12ths, and Drafting Scales, ...	1 "	13.00
19.	Arch Joint, Bound, 8ths, 16ths, 10ths, 12ths, and Drafting Scales, ...	1 "	16.00
20.	Double Arch Joint, 8ths, 16ths, 10ths, 12ths, and Drafting Scales, ...	1 "	9.00
21.	Double Arch Joint, Bound, 8ths, 16ths, 10ths, 12ths, and Drafting Scales, ...	1 "	21.00

Two Feet. Four-Fold. Extra Narrow.

No.			Per Dozen.
11½.	Square Joint, Middle Plates, extra quality, 8ths and 16ths, .	¾ inch wide,	$5.50
13.	Square Joint, Edge Plates, extra quality, 8ths, 16ths, 10ths, and 12ths, ...	¾ "	8.00
15½.	Square Joint, Bound, 8ths, 16ths, 10ths, and 12ths, . .	¾ "	15.00

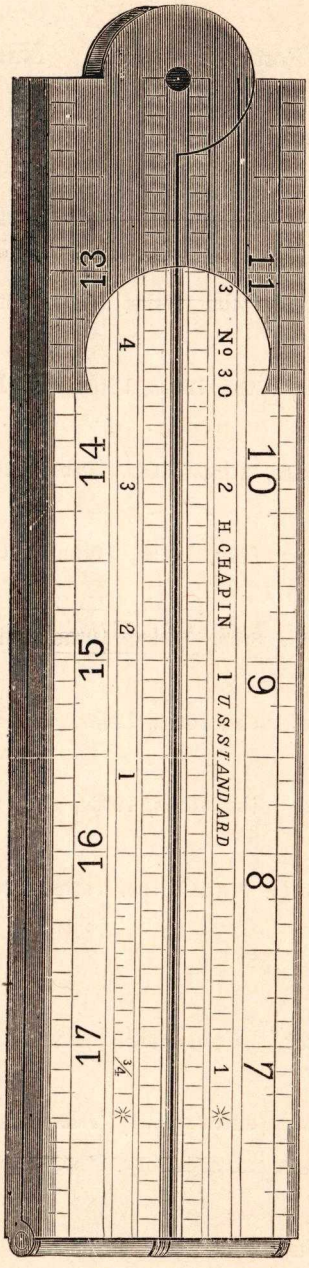
BOXWOOD RULES.

Two Feet. Four-Fold. Broad.



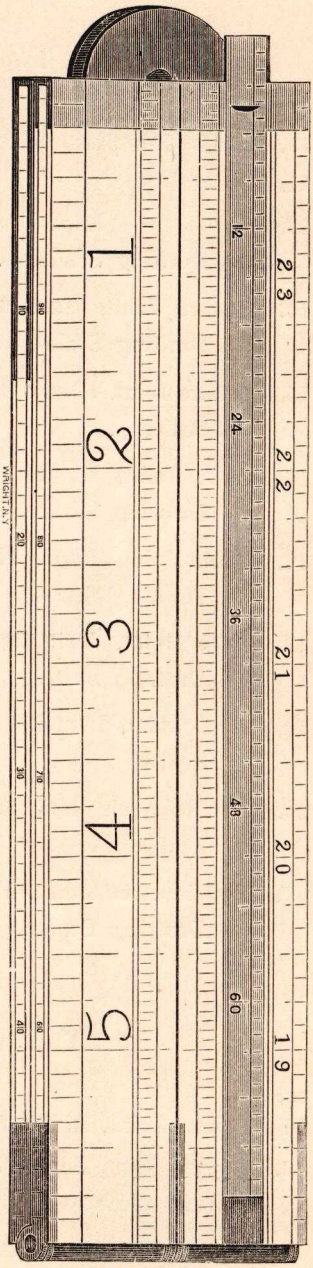
No. 24.

Square Joint, Edge Plates.



No. 30.

Arch Joint, Bound.



No. 33.

Arch Joint, Edge Plates, with Slide.

BOXWOOD RULES.

Two Feet. Four-Fold. Broad.

No.			Per Dozen.
22.	Round Joint, Middle Plates, 8ths and 16ths, . . .	$1\frac{3}{8}$ inch wide,	$5.00
23.	Square " " " " " . . .	$1\frac{3}{8}$ "	7.00
24.	" " Edge Plates, 8ths, 16ths, 10ths, and Scales, .	$1\frac{3}{8}$ "	9.00
25.	" " Half Bound, " " " " .	$1\frac{3}{8}$ "	14.00
26.	" " Bound, " " " " .	$1\frac{3}{8}$ "	18.00
27.	Arch, " Middle Plates, " " " " .	$1\frac{3}{8}$ "	9.00
28.	" " Edge " " " " " .	$1\frac{3}{8}$ "	11.00
29.	" " Half Bound, " " " " .	$1\frac{3}{8}$ "	16.00
30.	" " Bound " " " " .	$1\frac{3}{8}$ "	20.00
31.	Double Arch Joint, " " " " .	$1\frac{3}{8}$ "	12.00
32.	" " " Bound " " " " .	$1\frac{3}{8}$ "	24.00
$32\frac{1}{2}$.	" " " Half Bound, " " " .	$1\frac{3}{8}$ "	20.00
33.	Arch Joint, Edge Plate, with Slide, 8ths, 16ths, 10ths, and Scales, ...	$1\frac{3}{8}$ "	14.00
$33\frac{1}{2}$.	Arch Joint, Edge Plates, with Caliper, 8ths, 16ths, 10ths, and Scales, ...	$1\frac{3}{8}$ "	22.00

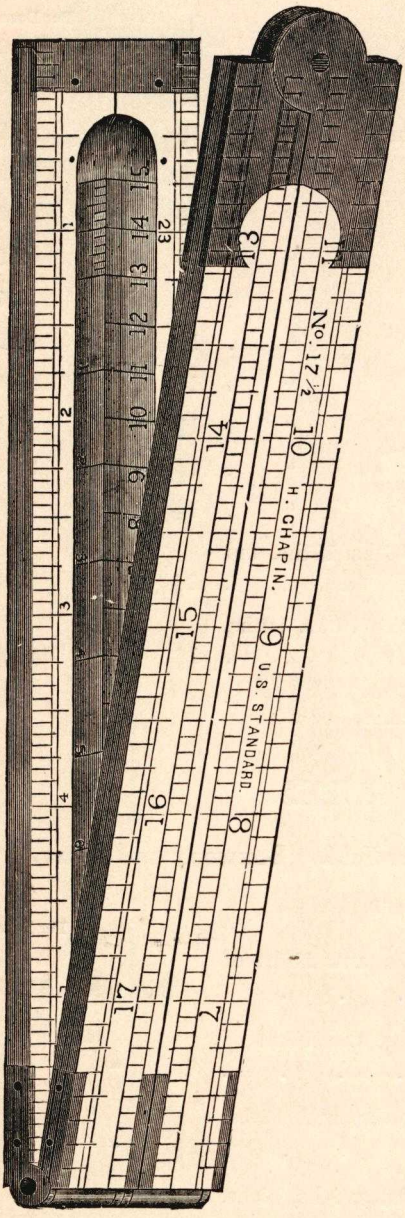
ARCHITECTS' RULES.

Inside Edges Beveled. Two Feet, Four-Fold. Boxwood and Ivory.

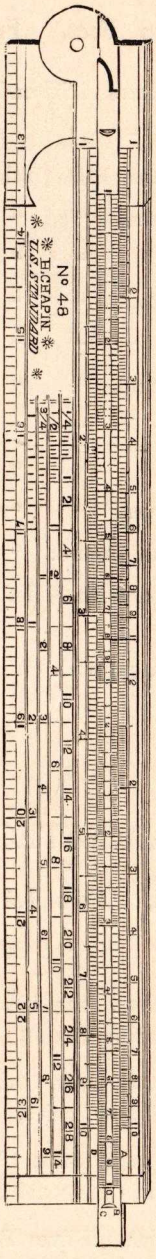
(See Cut, page 8.)

No.			Per Dozen.
$13\frac{1}{2}$.	Arch Joint, Edge Plates, 8ths, 10ths, 12ths, and 16ths of inches, with Drafting Scales, ...	$\frac{3}{4}$ inch wide,	$15.00
$17\frac{1}{2}$.	Arch Joint, Edge Plates, 8ths, 10ths, 12ths, and 16ths of inches, with Drafting Scales, ...	1 "	15.00
$28\frac{1}{2}$.	Arch Joint, Edge Plates, 8ths, 16ths, 10ths, and 12ths, with Drafting and Octagonal Scales, . . .	$1\frac{3}{8}$ "	18.00
$59\frac{1}{2}$.	Ivory Arch Joint, German Silver Edge Plates, 8ths, 10ths, 12ths, and 16ths, with Drafting Scales, . . .	$\frac{3}{4}$ "	96.00
$60\frac{1}{2}$.	Ivory Arch Joint, German Silver Edge Plates, 8ths, 10ths, 12ths, and 16ths, with Drafting Scales, . . .	1 "	96.00

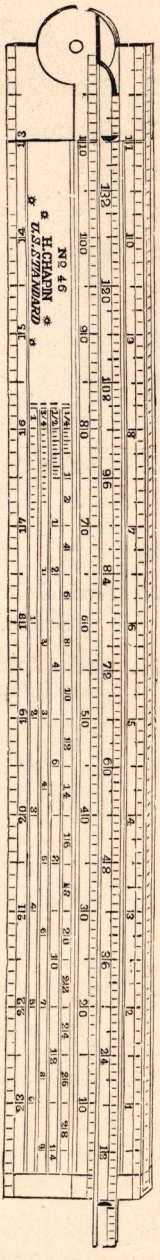
BOXWOOD RULES.



No. 17½.
Architects'.



No. 48.
Arch Joint, Gunter Slide.



No. 46.
Square Joint,
Plain Slide.

BOXWOOD RULES.

Two Feet, Four-Fold, with Board Measure Table.

No.			Per Dozen.
34.	Square Joint, Edge Plates, 8ths, 16ths, 10ths, and Scales,	$1\frac{3}{8}$ inch wide,	$11.00
35.	" " Bound, 8ths, 16ths, 10ths, and Scales, .	$1\frac{3}{8}$ "	20.00
36.	Arch " Edge Plates, 8ths, 16ths, 10ths, and Scales,	$1\frac{3}{8}$ "	13.00
37.	" " Bound, 8ths, 16ths, 10ths, and Scales, .	$1\frac{3}{8}$ "	22.00
$34\frac{1}{2}$.	Square " Edge Plates, with Board Stick Table, 9 lines,	10 to 18 feet,	11.00
$34\frac{3}{4}$.	" " " " " " " " 6 "	12 to 22 "	
	T Head.		20.00

Two Feet, Two-Fold, with Board Measure Table.

No.			Per Dozen.
40.	Square Joint, 8ths, 16ths, 10ths, and Scales, . . .	$1\frac{1}{2}$ inch wide,	$8.00
43.	Arch " extra Scales, 8ths, 16ths, 10ths, and Scales, .	$1\frac{1}{2}$ "	10.00

Two Feet, Two-Fold.

No.			Per Dozen.
38.	Round Joint, 8ths and 16ths, ...	$1\frac{1}{2}$ inch wide,	$3.50
39.	Square " " "	$1\frac{1}{2}$ "	5.00
41.	Arch " 8ths, 16ths, 10ths, and Scales, . . .	$1\frac{1}{2}$ "	7.00
42.	" " extra Scales, 16ths, 10ths, and Scales, . .	$1\frac{1}{2}$ "	8.00
44.	" " " thin, extra Scales, 16ths, 10ths, and Scales, ...	$1\frac{1}{2}$ "	10.00
$44\frac{1}{2}$.	Arch Joint, Plates on outside of wood, extra thin, Scales, etc., ...	$1\frac{1}{2}$ "	10.00
45.	Arch Joint, Bound, extra Scales, 16ths, 10ths, and Scales,	$1\frac{1}{2}$ "	16.00

Two Feet, Two-Fold, Slide.

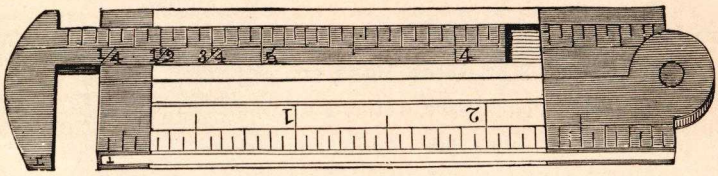
WITH FULL SCALES.

No.			Per Dozen.
46.	Square Joint, Plain Slide, ...	$1\frac{1}{2}$ inch wide,	$9.00
47.	" " Gunter Slide, ...	$1\frac{1}{2}$ "	12.00
48.	Arch " " "	$1\frac{1}{2}$ "	14.00
49.	" " Bound, Gunter Slide, ...	$1\frac{1}{2}$ "	24.00
50.	" " Engineers' Scales, Gunter Slide, . . .	$1\frac{1}{2}$ "	18.00
51.	" " Bound, Engineers' Scales, Gunter Slide, .	$1\frac{1}{2}$ "	28.00

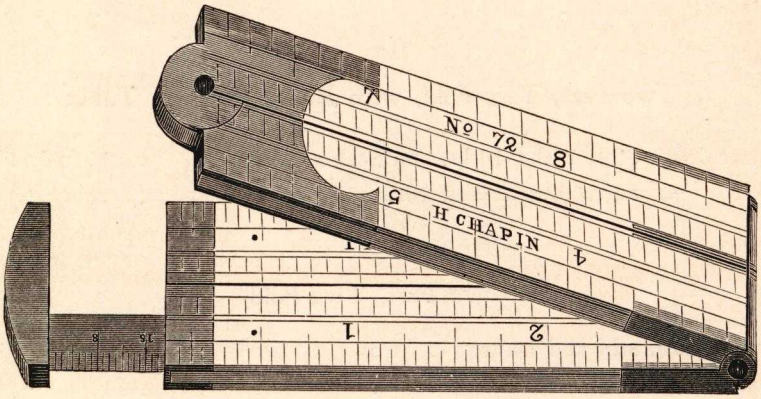
Books of Instruction for Engineers, 25 cents each.

CALIPER RULES, BOXWOOD.

With 8ths and 16ths.



No. 70.



No. 72.

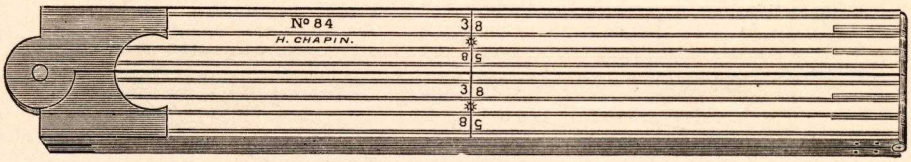
Arch Joint Caliper.

No.							Per Dozen.
70.	Square Joint,	Two-Fold,	6 inch,	. . . . .	$\frac{7}{8}$	inch wide,	$7.00
70$\frac{1}{4}$.	"	"	" 6 "	. . . . .	1$\frac{1}{2}$	"	12.00
70$\frac{3}{4}$.	"	"	" 6 "	. . . . .	1$\frac{1}{8}$	"	10.00
70$\frac{1}{2}$.	"	"	" 12 "	. . . . .	1$\frac{3}{8}$	"	12.00
71.	"	"	" 6 "	Brass Case, . . .	$\frac{7}{8}$	"	12.00
71$\frac{1}{2}$.	"	"	Bound, Two-Fold,	6 inch, ...	$\frac{7}{8}$	"	12.00
72.	Arch	"	Edge Plates, Four-Fold,	12 inch, . .	$\frac{7}{8}$	"	12.00
73.	"	"	Bound,	" 12 " . . .	$\frac{7}{8}$	"	20.00

SHIP CARPENTERS' BEVELS.

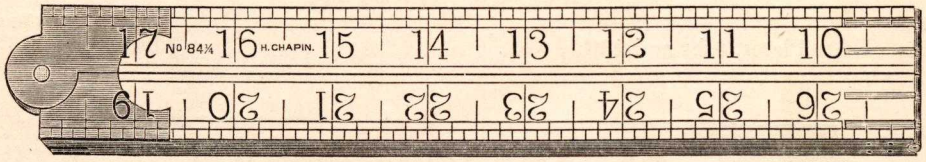
No.				Per Dozen.
85.	Boxwood,	Double Tongue, 8ths and 16ths,	. . . . .	$6.00
85$\frac{1}{2}$.	"	Single " " "	. . . . .	6.00

BOXWOOD RULES.



No. 84.

Cut No. 84 shows the graduation of Yard Measure on Rules, outside only, on Nos. 84 and 84½.



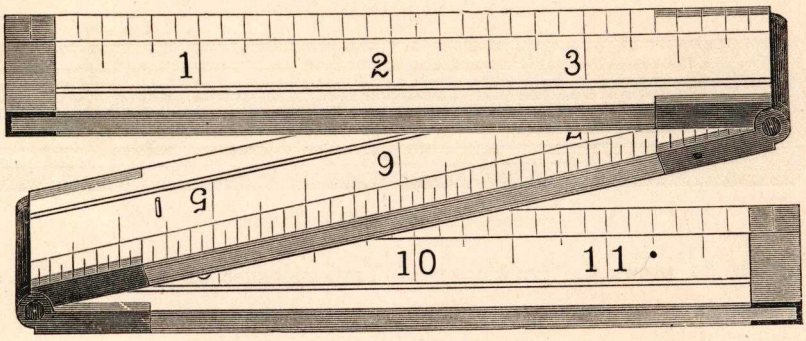
No. 84¼.

Cut No. 84¼ shows graduation of 8ths outside, and 16ths inside, on Rules Nos. 84¼ and 84¾.

Three Feet, Four-Fold.

No.								Per Dozen.
83¼.	Round Joint,	Middle Plates,	8ths, and 16ths,	. . .	1	inch wide,		$6.00
83½.	"	"	"	"	"	"	1⅜	" 8.00
23¼.	Square	"	"	"	"	"	1	" 7.50
23½.	"	"	"	"	"	"	1⅜	" 10.00
84.	Arch	"	"	"	"	Yard Divisions,	1	" 8.00
84¼.	"	"	"	"	"	"	1	" 8.00
85¼.	"	"	"	"	"	"	1⅜	" 13.00
84½.	"	"	Bound,	"	"	Yard Divisions,	1	" 22.00
84¾.	"	"	"	"	"	"	1	" 22.00
85¾.	Double Arch Joint,			"	"	. . .	1⅜	" 18.00

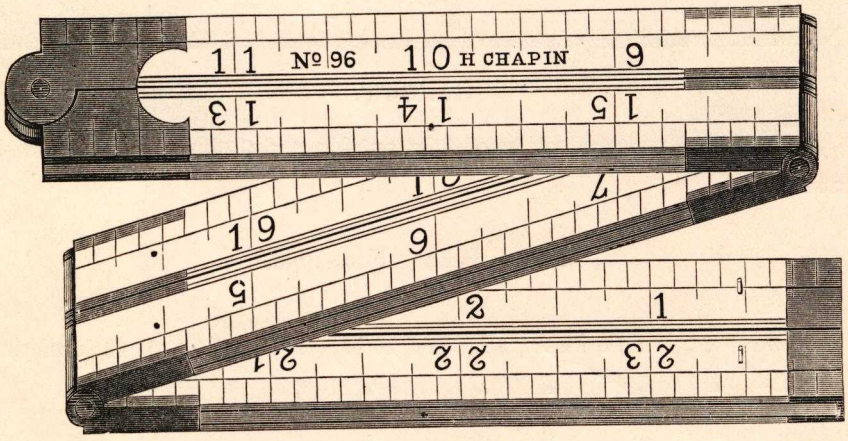
BOXWOOD RULES.



No. 95.

One Foot, Three-Fold.

No.		Per Dozen.
95.	Edge Plates, 8ths and 16ths, ...	½ inch wide, $6.00



No. 96.

Two Feet, Six-Fold.

No.		Per Dozen.
96.	Arch Joint, Edge Plates, 8ths and 16ths, ...	¾ inch wide, $13.00
96¼.	Arch Joint, Bound, " "	¾ " 36 00

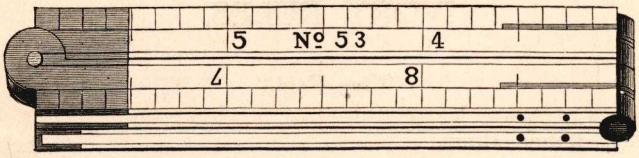
CARRIAGE MAKERS' RULES.

Four Feet, Four-Fold.

No.		Per Dozen.
96½.	Arch Joint, Bound, 8ths and 16ths, ...	1½ inch wide, $48.00

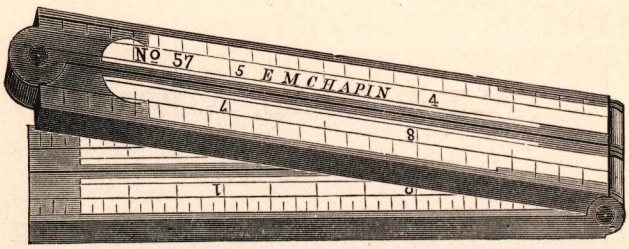
IVORY RULES.

One Foot, Four-Fold, with 8ths and 16ths.



No. 53.

Square Joint, Middle Plates.



No. 57.

Arch Joint, Bound.

No.			Per Dozen.
52.	Round Joint, Middle Plates, Brass, ...	$\frac{1}{2}$ inch wide,	$10.00
53.	Square " " " "	$\frac{1}{2}$ "	12.00
54.	" " " " German Silver, . . .	$\frac{1}{2}$ "	14.00
55.	" " Edge " " " . . .	$\frac{5}{8}$ "	17.00
56.	Arch " " " " " . . .	$\frac{5}{8}$ "	21.00
57.	" " Bound, German Silver, . . .	$\frac{1}{2}$ to $\frac{5}{8}$ "	32.00
58.	Square " " " " . . .	$\frac{1}{2}$ to $\frac{5}{8}$ "	28.00

Two Feet, Four-Fold, Narrow.

WITH FULL SCALES.

No.		Per Dozen.
59.	Square Joint, Edge Plates, German Silver, . . .	$\frac{7}{8}$ inch wide, $54.00
60.	Arch " " " " " . . .	1 " 64.00
61.	" " Bound, German Silver, ...	1 " 80.00
62.	Double Arch Joint, Bound, German Silver, . . .	1 " 92.00

Ivory Architects' Rules, see page 7.

Two Feet, Four-Fold, Broad.

WITH FULL SCALES.

No.		Per Dozen.
63.	Arch Joint, Edge Plates, German Silver, ...	$1\frac{3}{8}$ inch wide, $84.00
64.	" " Bound, German Silver, ...	$1\frac{3}{8}$ " 102.00
65.	" " " with Slide, German Silver, . .	$1\frac{3}{8}$ " 112.00
66.	" " " " Caliper, " " . . .	$1\frac{3}{8}$ " 120.00
67.	Double Arch Joint, Bound, German Silver, . . .	$1\frac{3}{8}$ " 116.00

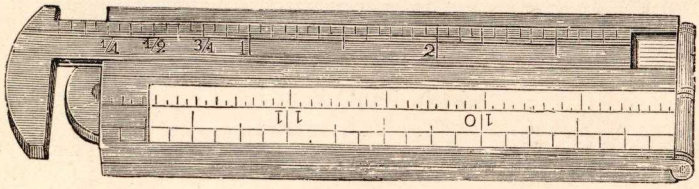
IVORY RULES.

Two-Fold.

No.			Per Dozen.
68.	Round Joint, 6 inch, Brass, ...	$\frac{1}{2}$ inch wide,	$4.50
69.	Arch " 12 " German Silver, 8ths, 16ths, 10ths, and 12ths, ...	$\frac{3}{4}$ "	24.00

CALIPER RULES, IVORY.

With 8ths and 16ths.



No. 79.

No.			Per Dozen.
74.	Square Joint, Two-Fold, 6 inch, German Silver, . .	$\frac{7}{8}$ inch wide,	$15.00
74½.	" " " 6 " " " Bound, .	$\frac{7}{8}$ "	30.00
77½.	" " " 6 " " " " .	$\frac{5}{8}$ "	24.00
75.	" " " 6 " " " Case, .	$\frac{7}{8}$ "	22.00
76.	" " Edge Plates, Four-Fold, 12 inch, German Silver, ...	$\frac{7}{8}$ "	38.00
77.	Square Joint, Bound, Four-Fold, 12 inch, German Silver, ...	$\frac{1}{2}$ to $\frac{5}{8}$ "	44.00
78.	Arch Joint, Bound, Four-Fold, 12 inch, German Silver, ...	$\frac{1}{2}$ to $\frac{5}{8}$ "	48.00
79.	Square Joint, Bound, Four-Fold, 12 inch, German Silver, .	$\frac{7}{8}$ "	48.00

Special attention paid to the graduation of Boxwood and Ivory Rules with Spanish or Metric measure.

MISCELLANEOUS RULES.

Bench and Pattern-Makers' Rules.

No.			Per Dozen.
80.	Bench Rule, 24 inch,	$1\frac{1}{4}$ inch wide,	$3.00
81.	" " 24 " Board Measure Table,	$1\frac{1}{2}$ "	6.00
81½.	Pattern-Makers' Shrinkage Rule, Boxwood, 24¼ inch,		15.00
49½.	Forwarding Sticks, Brass T Head, 5 foot,		24.00

Yard Sticks.

82.	Yard Stick,	$1.50
82½.	" " Polished,	2.00
83.	" " Brass Tipped, Polished,	3.50
97.	" " " " " ½ inch square,	4.00
98.	" " Hickory, Brass Tipped, Polished,	4.50

Board Measures.

EXPLANATION OF BOARD STICKS.— Know the length of boards you wish to measure. The figures on the end, eight and upwards, is the length in feet; place the Stick on the flat surface to the outer edge of the board, follow the length column to the opposite edge, and the figure on the edge will be the contents in feet of 1 inch boards.

86.	Board Stick, Octagon, 8 Lines, 9 to 16 feet,	24 inch,	$6.00
87.	" " Square and Octagon, 16 Lines, 8 to 23 feet,	24 "	8.00
88.	" " " " " 16 " 8 " 23 "	36 "	12.00
89.	" " Walking Cane, Brass Head and Tip, 8 Lines, 9 to 16 feet,	36 "	12.00
90.	Board Stick, Flat with T Head, 10 Lines, 9 to 19 feet,	36 "	9.00
90½.	" " Hickory, Flat, with T Head, 8 Lines, 9 to 16 feet,	36 "	12.00
90¾.	" " Flat Hickory, Extra Thin, Steel Head, Extra Strong, 6 Lines, 12 to 22 feet,	36 "	26.00

Log Measures.

EXPLANATION OF LOG STICKS.— These sticks give the number of feet of 1 inch square edge boards sawed from a log from 12 to 36 inches in diameter. The figures 12 to 20, near the head, are for the length of logs in feet; follow the column under the length of the log to the diameter of the log, which will give the number of feet the log will make. Logs not over 15 feet long, the diameter should be taken at the small end; over 15 feet in length, at the middle.

91.	Log Stick, Flat, with T Head,	36 inch,	$9.00
91½.	" " Hickory, Flat, with T Head,	36 "	12.00
89½.	" " Walking Cane, Brass Head and Tip,	36 "	12.00

MISCELLANEOUS RULES.

Wantage and Gauging Rods.

No.			Per Dozen.
92.	Wantage Rod,		$5.00
93.	Gauging Rod,	36 inch,	7.00
94.	" "	48 "	8.00
94½.	" " with Wantage Table,	48 "	18.00

Explanation of Gauging Rod Tables.

In ascertaining the amount of liquid in a Hogshead of 108 gallons, use No. 94½ Rod. Drop the pointed end of the Rod into the bung of the Hogshead, while lying on its side, and observe on the scale of inches how far up the Rod is wet. Then look at the Table marked "Hhd.," and against the figures in the columns marked "inches" and "parts in.," agreeing with the point at which the wet line appears on the scale of inches, will be found the number of gallons contained in the Hogshead. Should the Hogshead be more than half full, the contents will be ascertained by deducting the "inches" and "parts in." of dry space above the liquid — or the gallons indicated in the Table against the same—from the full capacity of the Hogshead (108 gals.). The other Tables (for Tierce, Bbl., and Half Bbl.) may be used in the same manner for Casks of their respective contents. The graduations on the opposite side from the Tables will indicate the total capacity of any regularly shaped cask, by carrying the brass tip on the Rod down to the inner end of the cask at the chime, the bung being at the middle of the upper side ; and observing the graduation which comes at the center of the bung-hole, while the Rod is in this position, you will have the total capacity in gallons.

Prices quoted on application of special Rules or measures, dressmakers' squares, dart rules, etc. Models should always accompany such application, with full description of what is wanted, also in what quantities.

STATIONERS' GOODS.

DESK RULERS.

Paper Cutting Edge. Beech and Maple Polished.

GRADUATED 8THS.

Plain Edge, 12 inch,	$3.50 per gross.
" " 15 "	4.25 "
" " 18 "	5.00 "
" " 21 "	6.00 "
" " 24 "	7.00 "
Brass Edge, 12 "	7.00 "
" " 15 "	8.75 "
" " 18 "	10.50 "
" " 21 "	12.25 "
" " 24 "	14.00 "
Double Brass Edge, 12 inch,	10.00 "
" " " 15 "	12.50 "
" " " 18 "	15.00 "
" " " 21 "	18.00 "
" " " 24 "	22.00 "

In green paper boxes, one dozen each.

In strawboard boxes, 25 cents less per gross.

BOXWOOD RULERS.

GRADUATED 16THS.

Brass Edge, 12 inch,	$16.00 per gross.
" " 15 "	18.00 "
" " 18 "	21.00 "
" " 21 "	25.00 "
" " 24 "	30.00 "
Double Brass Edge, 12 inch,	19.00 "
" " " 15 "	21.50 "
" " " 18 "	25.00 "
" " " 21 "	30.00 "
" " " 24 "	35.00 "

SCHOOL RULERS.

Beech, 12 inch,	$1.50 per gross.
Boxwood, 12 "	5.00 "
Beech, Chicago Pattern, wide, 12 inch,	2.00 "

In strawboard boxes, 25 cents less per gross.

In bulk, 50 cents less per gross.

COMMON BENCH PLANES.

STAMPED J. PEARCE.

COMMON BENCH PLANES, SINGLE IRONS.

With Iron Starts.

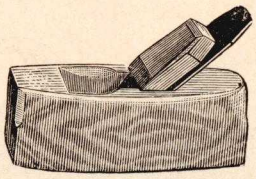
No.		Price, Each.
100.	Smooth, Best Cast Steel Irons,	$0.70
101.	Jack, " " "	.85
102.	Fore, " " "	1.10
103.	Jointer, 26 inch, " " "	1.20

COMMON BENCH PLANES, DOUBLE IRONS.

With Iron Starts.

No.		Price, Each.
108.	Smooth, Best Cast Steel Irons,	$0.90
108½.	" Jack Handle, Best Cast Steel Irons,	1.50
109.	Jack, " " "	1.00
110.	Fore, " " "	1.40
111.	Jointer, 26 inch, " " "	1.50
	" 28 " " " "	1.60
		Per Set.
	Common Planes, Double Irons,	4.80

EXTRA BENCH PLANES.



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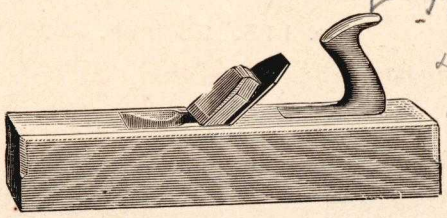

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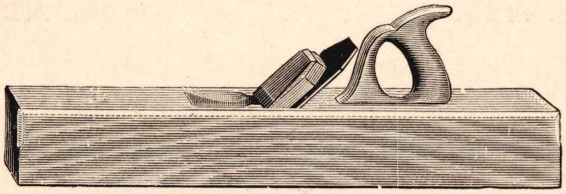


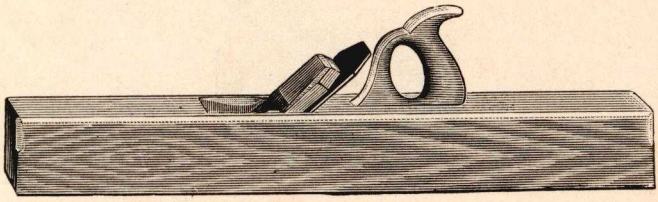
No. 114. 22 inch.

EXTRA BENCH PLANES, SINGLE IRONS.

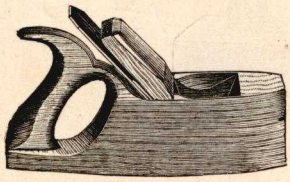
With Iron or Wood Starts, if requested.

No.			Price, Each.
104.	Smooth, ...	Best Cast Steel Irons, $1\frac{3}{4}$ to $2\frac{1}{4}$ inch,	$0.70
105.	Jack, ...	" " " 2 to $2\frac{1}{4}$ "	.85
$105\frac{1}{2}$.	" Razee Handle, . . .	" " " 2 to $2\frac{1}{2}$ "	1.05
106.	Fore, 18 to 22 inch, . . .	" " " $2\frac{3}{8}$ to $2\frac{1}{2}$ "	1.10
$106\frac{1}{2}$.	" Razee Handle, 18 to 22 inch,	" " " $2\frac{3}{8}$ to $2\frac{1}{2}$ "	1.35
107.	Jointer, 24 to 26 inch, . .	" " " $2\frac{1}{2}$ "	1.20
$107\frac{1}{2}$.	" Razee Handle, 24 to 26 in.,	" " " $2\frac{1}{2}$ "	1.40
	Planes with extra sized Single Irons, ...	add per $\frac{1}{8}$ "	.10
	" " English Irons, Single, ...	add	.15
	" " Handle Bolts, ...	"	.25

EXTRA BENCH PLANES.



No. 115. 26 inch.



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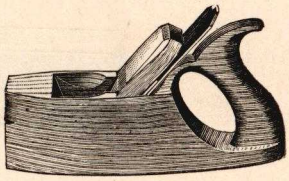


No. 112½.

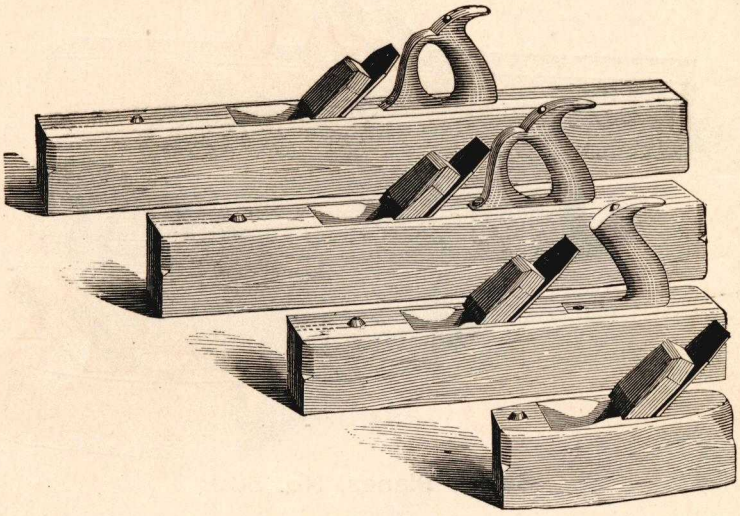
EXTRA BENCH PLANES, DOUBLE IRONS.

With Iron or Wood Starts, if requested.

No.			Price, Each.
112.	Smooth, ...	Best Cast Steel Irons, 1¾ to 2¼ inch,	$0.90
112½.	" Solid Handle, . .	" " " 2 to 2¼ "	1.75
112¾.	" " " Improved,	" " " 2 to 2¼ "	1.75
113.	Jack, ...	" " " 2 to 2¼ "	1.00
113½.	" Razee Handle, . . .	" " " 2 to 2¼ "	1.20
114.	Fore, 18 to 22 inch, . . .	" " " 2⅜ to 2⅝ "	1.40
114½.	" Razee Handle, 18 to 22 inch,	" " " 2⅜ to 2½ "	1.60
115.	Jointer, 24 to 26 inch, . .	" " " 2½ "	1.50
	" 28 " . .	" " " 2⅝ "	1.60
	" 30 " . .	" " " 2¾ "	1.75
115½.	" Razee Handle, 24 to 26,	" " " 2½ "	1.75
	Planes with extra sized Double Irons, . . .	add per ⅛ "	.15
	" " English Irons, Double, ...	add	.30
	" " Handle Bolt, ...	"	.25

PREMIUM BENCH PLANES, EXTRA C. S.

Double Irons.



Set 400 to 403.

With Bolted Handle and Start.

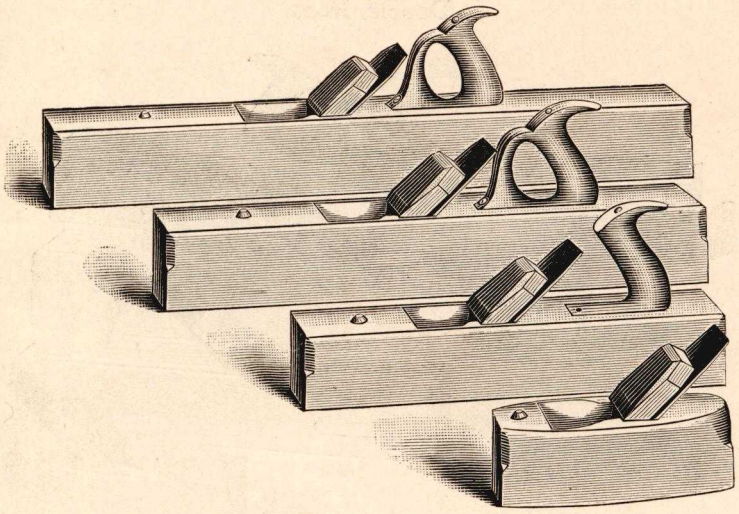
No.		Price, Each.
400.	Smooth,	$1.50
401.	Jack,	1.85
402.	Fore, 22 inch,	2.25
403.	Jointer, 28 "	2.60

POLISHED PLANES.

With Bolted Handle and Start.

No.		Price, Each.
404.	Smooth,	$1.50
405.	Jack,	1.85
406.	Fore, 22 inch,	2.25
407.	Jointer, 28 "	2.60
408.	Smooth, Solid Handle,	2.00
409.	Mitre, Smooth Shape, Single Iron,	1.00
410.	" " " Double "	1.25
	Planes with English Irons, Single,	add .15
	" " " " Double,	" .30
	Ebony or Boxwood Starts in place of iron, if requested.	
	Planes with Diamond Bolts and Starts,	add .25

SET OF PLANES IN CASES.



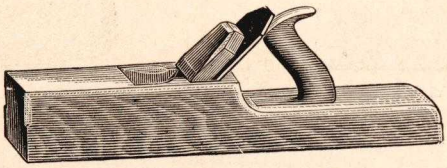
Set of Planes, No. 502.

Irons ground and tested, ready for working, neatly packed in wood cases. Sets of four consist of Double Iron Smooth, Jack, Fore 22 inch, Jointer 28 inch.

No.		Per Set.
500.	Set of Four Planes, with Iron Starts, Extra Quality, ...	$6.00
501.	" " " " " " " Razee, . .	6.75
502.	" " Premium Planes, Bolted Handle and Starts, . . .	8.00
503.	" " " " " " " Razee, . .	8.75
504.	" " " " " " " Polished, .	10.00
505.	" " " " " " " Razee, Polished,	10.75
	Solid Handle Smooth, in place of Double Smooth, . . . extra,	.90
	" " " with Set, ... "	1.75
	Mitre Plane, Single, " . . . . . "	.75

Ebony or Boxwood Starts, in place of Iron, will be furnished if desired.

SHIP PLANES.



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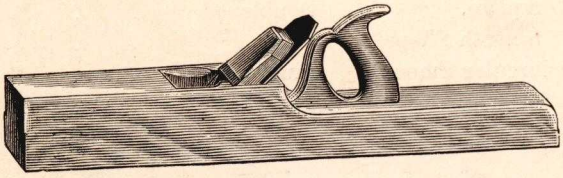

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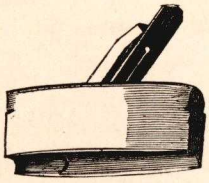


No. 427.

No.			Price, Each.
423.	Smooth, 9 inch,	Best Cast Steel Double Irons, . to $1\frac{3}{4}$ inch,	$1.00
424.	Jack, 16 " Razee,	" " " " " . to $1\frac{7}{8}$ "	1.20
425.	Fore, 22 " "	" " " " " . to $2\frac{1}{8}$ "	1.60
426.	Jointer, 26 " "	" " " " " . to $2\frac{1}{4}$ "	1.80
427.	Spar Plane,	" " " " " . . .	1.50
428.	" "	" " " Single " . . .	1.00
429.	Gutter Plane, 12 inch,	" " " " " . . $1\frac{3}{4}$ inch,	1.25

See page 20 for Razee Planes with wider Irons.

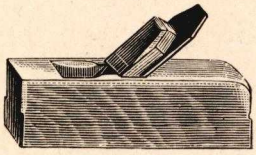
PLANES, WITHOUT IRONS.

Plane Woods for Single Irons, ... kind required, list prices, less $0.18

" " " Double " . . . . " " " " .30

Discount same as on the Planes, the kind required.

MISCELLANEOUS PLANES.



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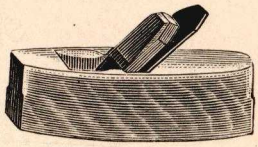
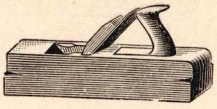


No. 432.

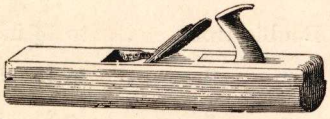
No.			Price, Each.
430.	Tooth Plane,	Single Iron, . .	$1\frac{5}{8}$ to 2 inch, $1.00
431.	Mitre " Square,	" " . .	$1\frac{1}{2}$ to $1\frac{3}{4}$ " .75
432.	" " Smooth Shape,	" " . .	$1\frac{1}{2}$ to $1\frac{3}{4}$ " .75
433.	" " Square,	Double " . .	$1\frac{3}{4}$ " 1.00
434.	" " Smooth Shape,	" " . .	$1\frac{3}{4}$ " 1.00
436.	Compass or Circular Smooth,	Single " . .	2 to $2\frac{1}{8}$ " 1.00
437.	" " "	Double " . .	2 to $2\frac{1}{8}$ " 1.25

No. 438.



No. 440.

No.		Price, Each.
438.	Toy, Smooth, Single Iron, ...	$1\frac{1}{2}$ inch, $0.55
439.	" " Double "	$1\frac{1}{2}$ " .75
440.	" Jack, Single "	$1\frac{1}{2}$ " .65
441.	" " Double "	$1\frac{1}{2}$ " .85



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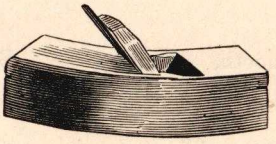

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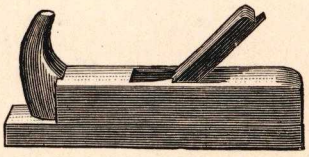


No. 447. German Pattern Plane.

No.		Price, Each.
442.	Gutter Plane, ...	$1\frac{1}{2}$ to 2 inch, $1.25
447.	German Smooth or Bull Plane, Single Iron, ...	1.10
448.	" " " " Double "	1.25
449.	Carpenters' Badger, " "	3.00
450.	Coopers' Leveling Plane, ...	.90
451.	" Howell Plane and Stock, Barrel or Hogshead, . . .	1.75
452.	" Croze, with Solid Brass Head, Adjustable, ...	5.00

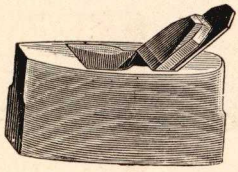
APPLEWOOD, BOXWOOD, AND ROSEWOOD PLANES.

POLISHED.

With Iron or Wood Starts. Extra C. S. Double Irons.

No.			Price, Each.
411.	Smooth, Applewood,	2 to 2¼ inch,	$1.50
411½.	" " Solid Handle,	2 to 2¼ "	2.25
412.	Jack, " Bolted "	2 to 2¼ "	1.75
413.	Fore, " " " to 22 inch,	2½ "	2.40
414.	Jointer, " " " to 26 "	2½ "	3.25
415.	Smooth, Boxwood,	2 to 2¼ "	2.50
415½.	" " Small Extra,	1¾ "	1.75
416.	" " Solid Handle,	2 to 2¼ "	5.00
417.	" Rosewood,	2 to 2¼ "	2.25
417½.	" " Small Extra,	1¾ "	1.50
418.	" " Solid Handle,		4.00
419.	Mitre, Boxwood, Single Iron,	1½ to 1¾ "	1.75
420.	" " Double "	1½ to 1¾ "	2.00
421.	" Rosewood, Single Iron,	1½ to 1¾ "	1.50
422.	" " Double "	1½ to 1¾ "	1.75
	Jack, Boxwood, Razee,		5.00
	Fore, " 22 in., "		7.50
	Jointer, " 28 in., "		9.50
	Planes with English Irons, Single,	add	.15
	" " " " Double,	"	.30

CARRIAGE MAKERS' TOOLS.



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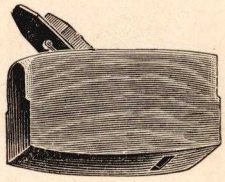
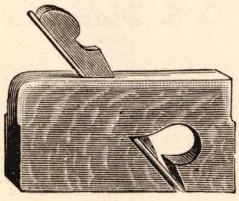


No. 2.

No.		Price, Each.
1.	Carriage Makers' Smooth, Double Iron, ... to 1 5/8 inch,	$1.10
2.	" " " Circle Face, Double Iron, . . . to 1 5/8 "	1.25



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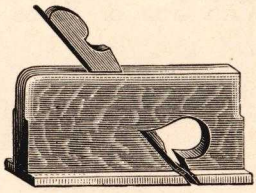
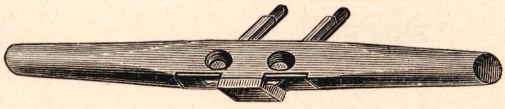


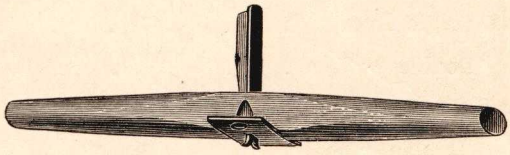
No. 5.

3.	Carriage Makers' Rabbet Plane, ... 1 inch,	$1.00
4.	" " " " Circle Face, ... 1 "	1.10
5.	" " T " "	1.20
6.	" " T " " Circle Face, ...	1.35



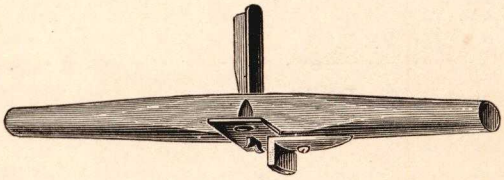
No. 7.

7.	Carriage Makers' Beading Tool, ...	$1.75



No. 9.

8.	Carriage Makers' Router, Single Cutter, ...	$1.00
9.	" " " Double "	1.20

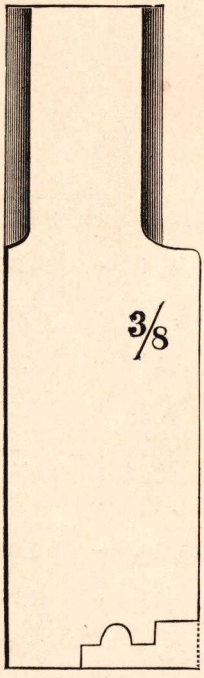


No. 10.

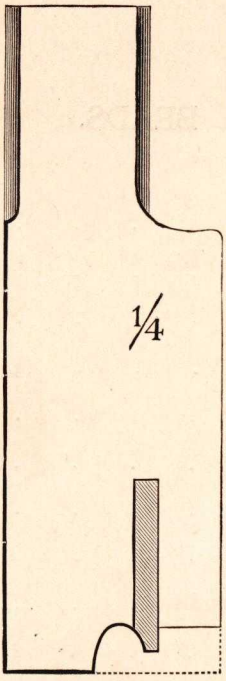
10.	Carriage Makers' Router, Double Cutter, with Guard, ...	$1.40
11.	" " Panel Router, ...	5.00
12.	" " Boxing Tool, ...	1.60

BEAD PLANES.

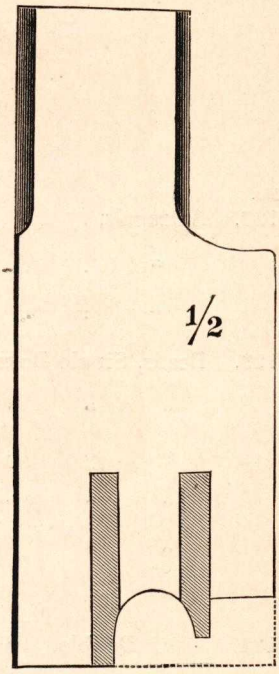
Beads.



No. 122.



No. 123.



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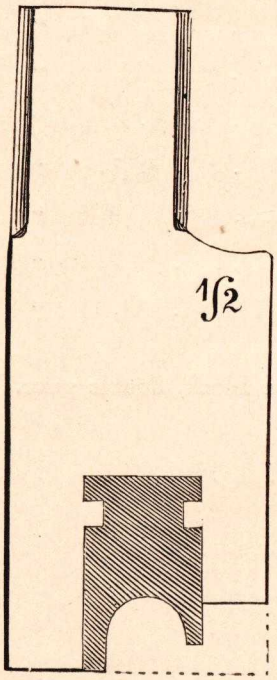

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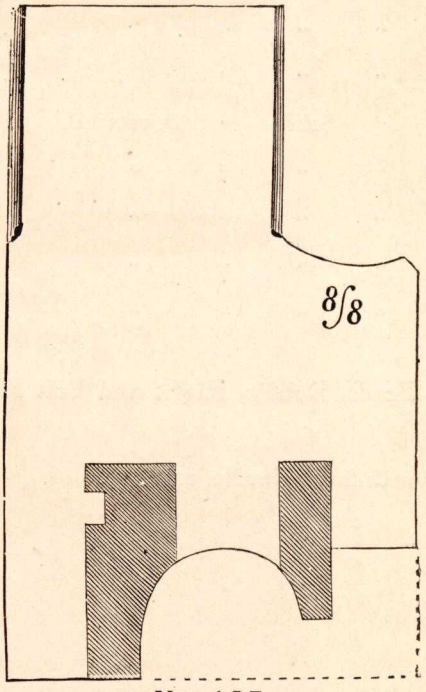


No. 125.

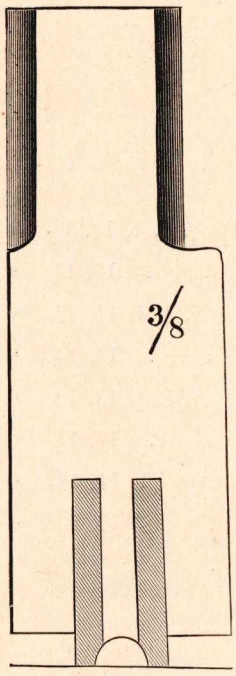
BEADS.

No.					Price, Each.
122.	Astragals,			$\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$ inch,	$0.55
	"			$\frac{7}{8}$, 1 "	.55
	"			$1\frac{1}{8}$, $1\frac{1}{4}$ "	.60
123.	Beads, Single	Boxed,		$\frac{1}{8}$, $\frac{3}{16}$, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{16}$, $\frac{1}{2}$ "	.50
	"	"	"	$\frac{5}{8}$, $\frac{3}{4}$ "	.55
	"	"	"	$\frac{7}{8}$, 1 "	.70
	"	"	"	$1\frac{1}{8}$, $1\frac{1}{4}$ "	.90
	"	"	"	$1\frac{3}{8}$, $1\frac{1}{2}$ "	1.00
	"	"	" with Handle,	$1\frac{1}{2}$ "	1.90
124.	"	Double	"	$\frac{1}{8}$, $\frac{3}{16}$, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{16}$, $\frac{1}{2}$ "	.60
	"	"	"	$\frac{5}{8}$, $\frac{3}{4}$ "	.65
	"	"	"	$\frac{7}{8}$, 1 "	.80
	"	"	"	$1\frac{1}{8}$, $1\frac{1}{4}$ "	1.00
125.	"	Solid	" Dovetailed,	$\frac{1}{8}$, $\frac{3}{16}$, $\frac{1}{4}$, $\frac{5}{16}$ "	.70
	"	"	" "	$\frac{3}{8}$, $\frac{7}{16}$, $\frac{1}{2}$ "	.80
	"	"	" "	$\frac{5}{8}$, $\frac{3}{4}$ "	.90
	"	"	" "	$\frac{7}{8}$, 1 "	1.00
	"	"	" "	$1\frac{1}{8}$, $1\frac{1}{4}$ "	1.20

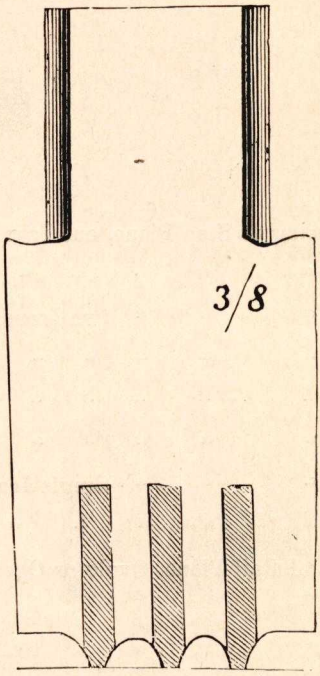
Beads, Double, Right and Left Hand, in one Block, double price.

Beads with Solid Handle, extra, ... $1.00

BEADS AND REEDING PLANES.



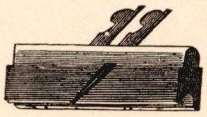
No. 126.



No. 131.

No.			Price, Each.
126.	Center Beads, Double Boxed, . . .	$\frac{1}{8}$, $\frac{3}{16}$, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{16}$, $\frac{1}{2}$ inch,	$0.60
	" " " "	$\frac{5}{8}$, $\frac{3}{4}$ "	.65
	" " " "	$\frac{7}{8}$, 1 "	.80
127.	" " Solid Boxed, Dovetailed, . .	$\frac{1}{8}$, $\frac{3}{16}$, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$ "	.75
	" " " " " . . .	$\frac{7}{16}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$ "	.90
131.	Reeding Planes, ...	$\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$ "	1.00
128.	" " Cutting two Reeds, . . .	$\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$ "	1.25
129.	" " " three " . . .	$\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$ "	1.60
130.	" " " four " . . .	$\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$ "	2.00

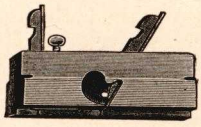
NOSING STEP OR STAIR PLANES.



No. 133.

No.			Price, Each.
132.	Nosing or Step Plane, one Iron,	$\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{8}$, $1\frac{1}{4}$ inch,	$0.80
	" " " " "	$1\frac{3}{8}$, $1\frac{1}{2}$ "	1.00
133.	" " " two Irons,	$\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{8}$, $1\frac{1}{4}$ "	1.10
	" " " " "	$1\frac{3}{8}$, $1\frac{1}{2}$ "	1.20
$133\frac{1}{2}$.	" " " " " Handled,	$\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{8}$, $1\frac{1}{4}$ "	1.50
	" " " " " "	$1\frac{3}{8}$, $1\frac{1}{2}$ "	1.75
134.	" " " Single Iron, "	1, $1\frac{1}{8}$, $1\frac{1}{4}$ "	1.10
	" " " " " "	$1\frac{3}{8}$, $1\frac{1}{2}$ "	1.20
135.	Hand Rail Plane, Ovolo or Ogee, "		1.00

DADOES.



No. 139.

No.			Price, Each.
136.	Dado,	$\frac{1}{8}$, $\frac{3}{16}$, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1 inch,	$0.75
138.	" with Brass Side Stop,	$\frac{1}{8}$, $\frac{3}{16}$, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1 "	1.10
139.	" with Screw Stop,	$\frac{1}{8}$, $\frac{3}{16}$, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1 "	1.50
	Dado, with Solid Handle,	Extra,	1.00

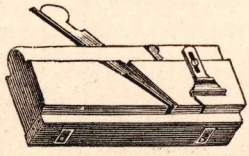
PANEL PLANES.

No.		Price, Each.
140.	Panel Plane,	$1.15
141.	" " and Cut,	1.40
142.	" " with Moving Fence,	1.50
143.	" " " " " and Cut,	1.70

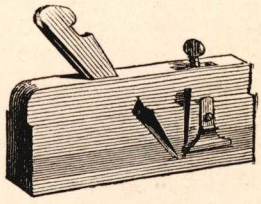
DOOR PLANES.

No.		Price, Each.
144.	Door Planes, Ogee or Bevel, $\frac{1}{2}$ to $\frac{5}{8}$ inch,	$0.88
145.	" " Double Screw Arms,	1.50

FILLETSTERS.



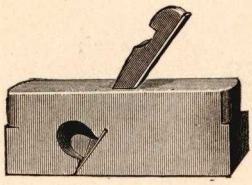
No. 148.



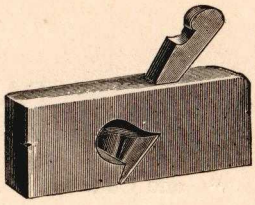
No. 150.

No.		Price, Each.
146.	Filletster,	$1.10
147.	" with Stop,	1.25
148.	" " " and Cut,	1.40
149.	" " " Cut and Dovetailed, Boxed,	1.85
150.	" " Screw Stop, Cut and Dovetailed, Boxed,	2.50
150$\frac{1}{2}$.	" " " " " " " and Boxwood Fence,	3.00
150$\frac{3}{4}$.	Filletster, with Screw Stop, Cut, Solid Box or Rosewood,	5.00
151.	" " " " Cut and Dovetailed, Boxed, Solid Handle,	3.75
	Extra for Rabbet Mouth,	.25
152.	Filletster, with Arms, Stop, Cut and Dovetailed, Boxed,	2.75
153.	" " Screw Arms, Stop, Cut and Dovetailed, Boxed,	3.00
154.	" " " " Screw Stop, Cut and Dovetailed, Boxed,	4.00
154$\frac{1}{2}$.	" " " " " " " Solid Box or Rosewood,	6.25
154$\frac{3}{4}$.	Back Filletster, Screw Arm and Screw Stop,	4.00

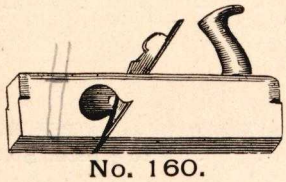
RABBET PLANES.



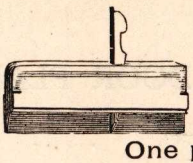
No. 155.



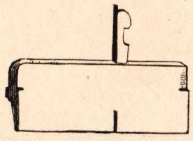
No. 157.



No. 160.



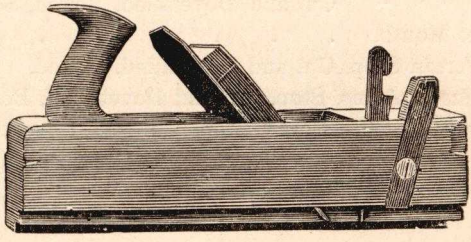
One pair.



No. 161.

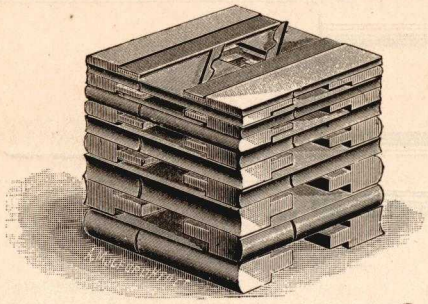
No.		Price, Each.
155.	Rabbet Planes, Square, ...	$\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1 inch, $0.60
	" " "	$1\frac{1}{8}$, $1\frac{1}{4}$ " .65
	" " "	$1\frac{3}{8}$, $1\frac{1}{2}$ " .70
156.	" " " Double Boxed, . .	$\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1 " 1.05
	" " " " " . . .	$1\frac{1}{8}$, $1\frac{1}{4}$ " 1.10
	" " " " " . . .	$1\frac{3}{8}$, $1\frac{1}{2}$ " 1.15
157.	" " Skew, ...	$\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1 " .60
	" " "	$1\frac{1}{8}$, $1\frac{1}{4}$ " .65
	" " "	$1\frac{3}{8}$, $1\frac{1}{2}$ " .70
	" " "	$1\frac{5}{8}$, $1\frac{3}{4}$ " .80
	" " "	$1\frac{7}{8}$, 2 " .90
	" " "	$2\frac{1}{4}$ " 1.00
	Extra for Cut, ...	.20
158.	Rabbet Planes, Skew, Boxed and Cut, . . .	$\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1 " 1.05
	" " " " " . . .	$1\frac{1}{8}$, $1\frac{1}{4}$ " 1.10
	" " " " " . . .	$1\frac{3}{8}$, $1\frac{1}{2}$ " 1.15
	" " " " " . . .	$1\frac{5}{8}$, $1\frac{3}{4}$ " 1.25
	" " " " " . . .	$1\frac{7}{8}$, 2 " 1.35
	" " " " " . . .	$2\frac{1}{4}$ " 1.45
159.	Handle Rabbet, 16 inch, Handle on Side, one Cut, . .	to $2\frac{1}{2}$ " 1.60
160.	" " 16 " " " Top, " " . .	to $2\frac{1}{2}$ " 1.50
	Extra for two Cuts, ...	.20
161.	Side Rabbet Planes, ...	per pair, 1.25

RAISING PLANES.

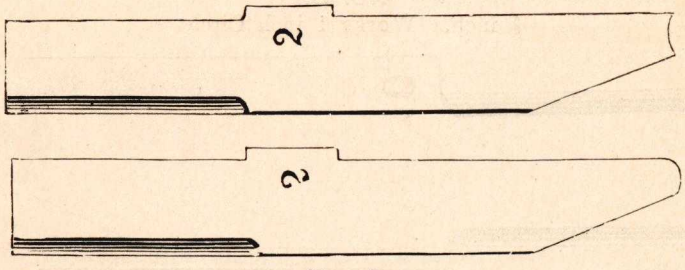


No.		Per Inch.
162.	Raising Plane, with Stop and Cut, .	$2\frac{1}{2}$, 3, $3\frac{1}{2}$, 4 inch, $1.00
$162\frac{1}{2}$.	" " Double Iron, " " " .	$2\frac{1}{2}$, 3, $3\frac{1}{2}$, 4 " 1.25
	Shoulder Boxed, ...	Extra, .50

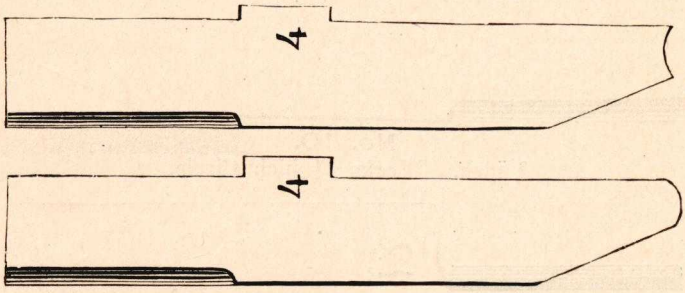
HOLLOWS AND ROUNDS.



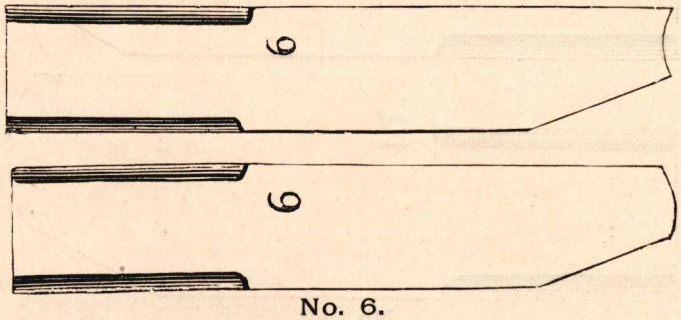
One Set. No. 164.



No. 2.
$\frac{1}{4}$ inch. Works $\frac{1}{4}$ inch Circle.

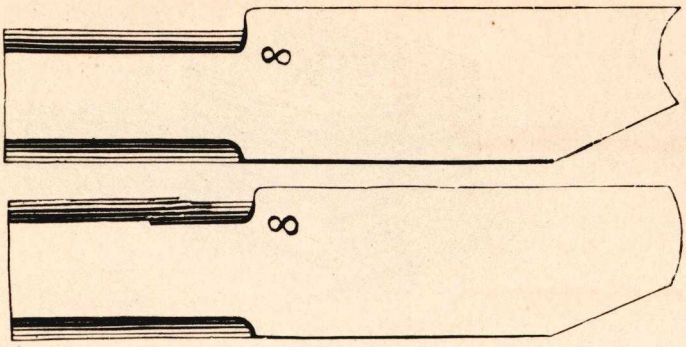


No. 4.
$\frac{3}{8}$ inch. Works $\frac{1}{2}$ inch Circle.

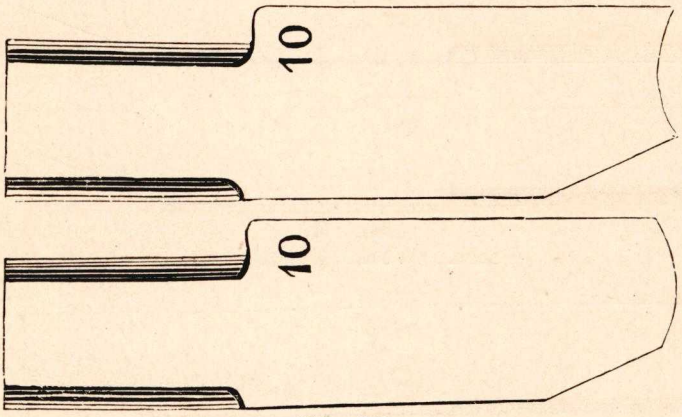


No. 6.
$\frac{1}{2}$ inch. Works $\frac{3}{4}$ inch Circle.

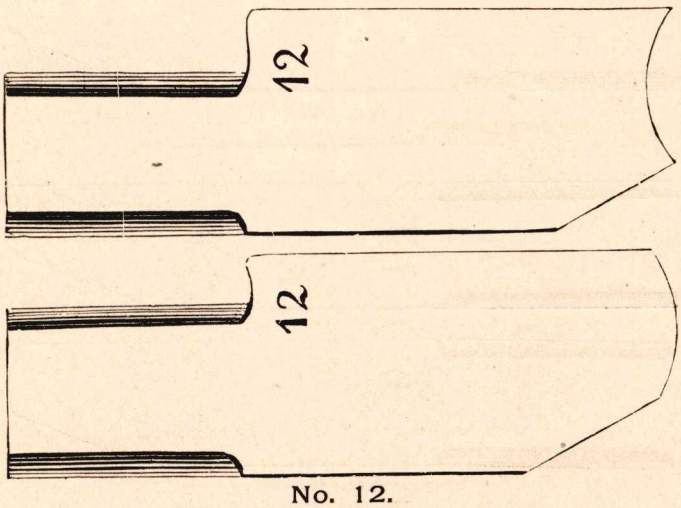
HOLLOWS AND ROUNDS.



No. 8.
$\frac{5}{8}$ inch. Works 1 inch Circle.

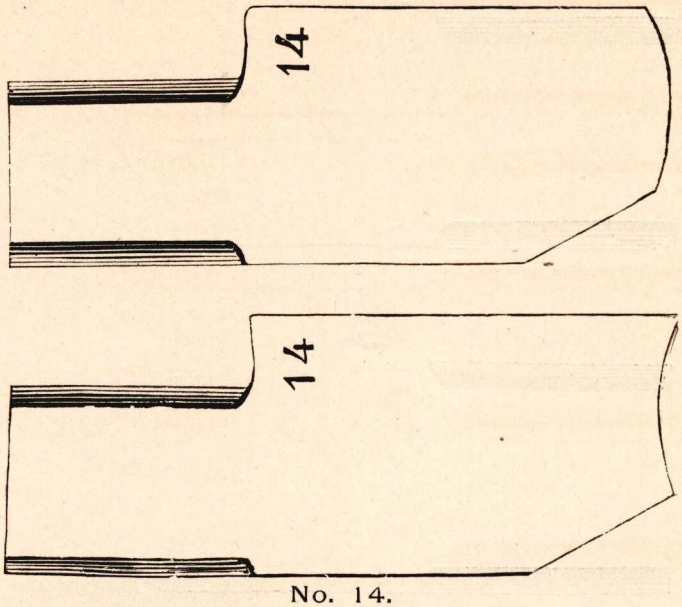


No. 10.
$\frac{3}{4}$ inch. Works $1\frac{1}{4}$ inch Circle.

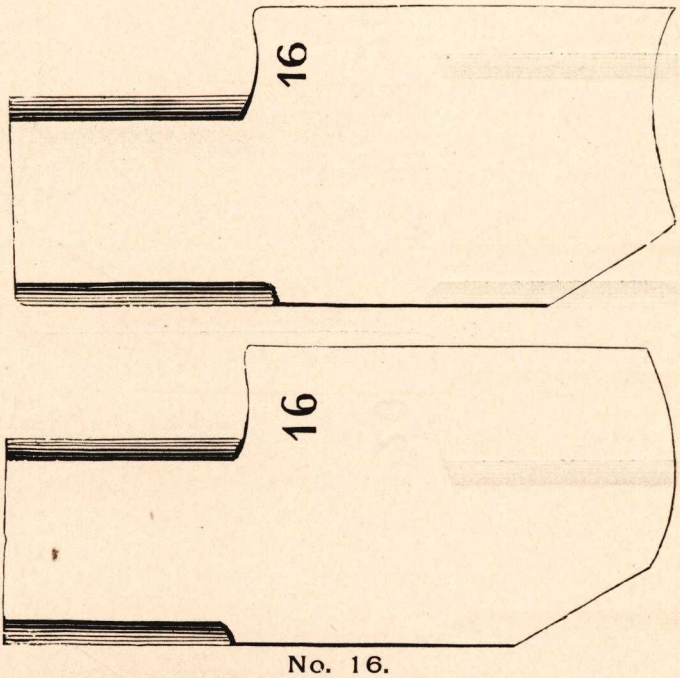


No. 12.
$\frac{7}{8}$ inch. Works $1\frac{1}{2}$ inch Circle.

HOLLOWS AND ROUNDS.

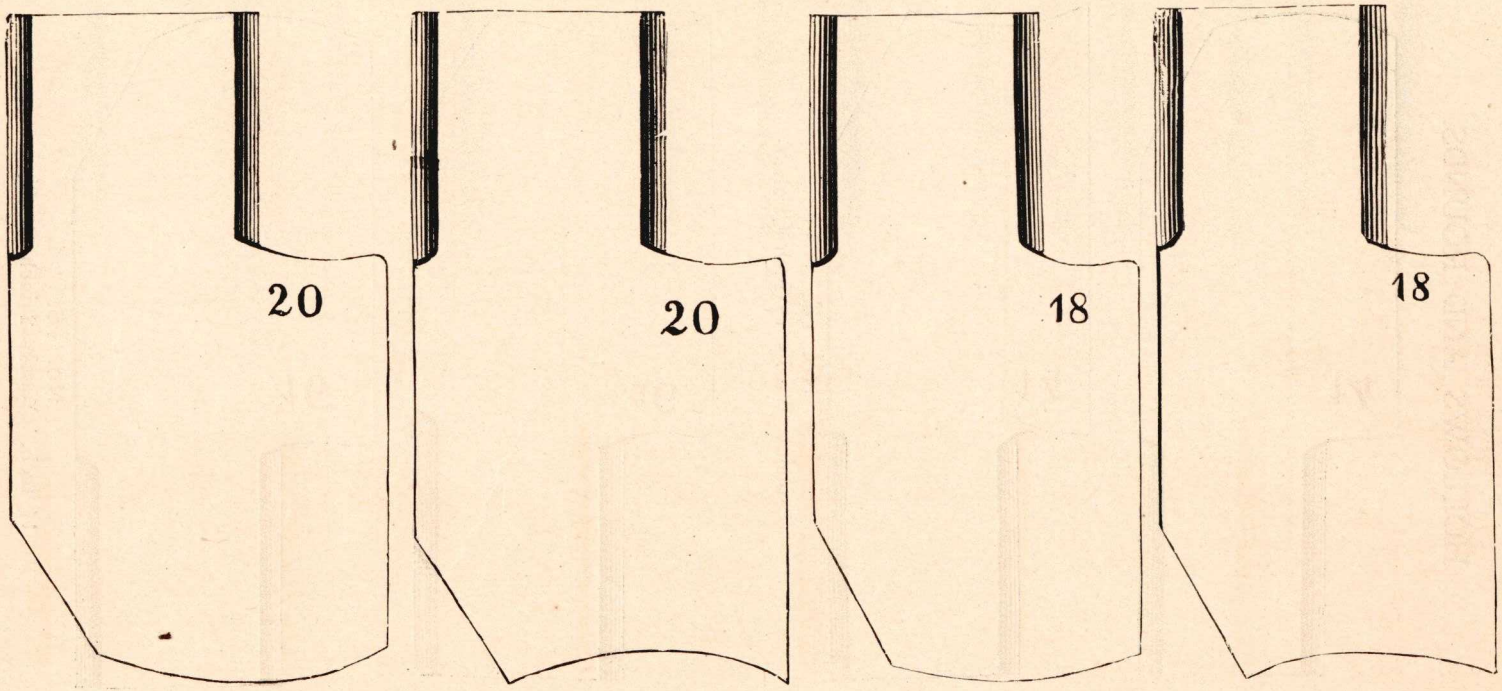


No. 14.
1 inch. Works $1\frac{3}{4}$ inch Circle.



No. 16.
$1\frac{1}{8}$ inch. Works 2 inch Circle.

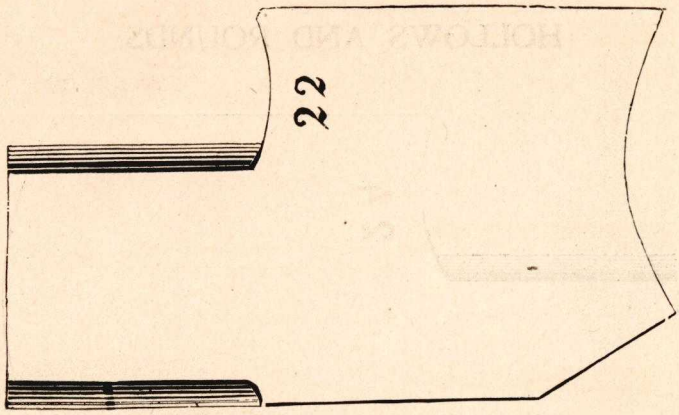
HOLLOWS AND ROUNDS.

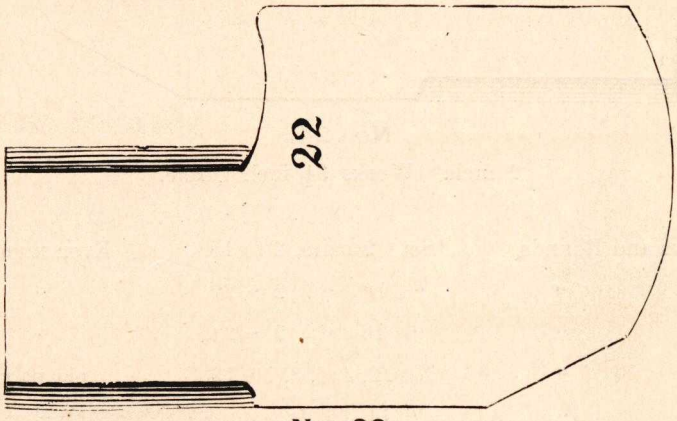


No. 20.
$1\frac{1}{2}$ inch. Works $2\frac{1}{2}$ inch Circle.

No. 18.
$1\frac{1}{4}$ inch. Works $2\frac{1}{4}$ inch Circle.

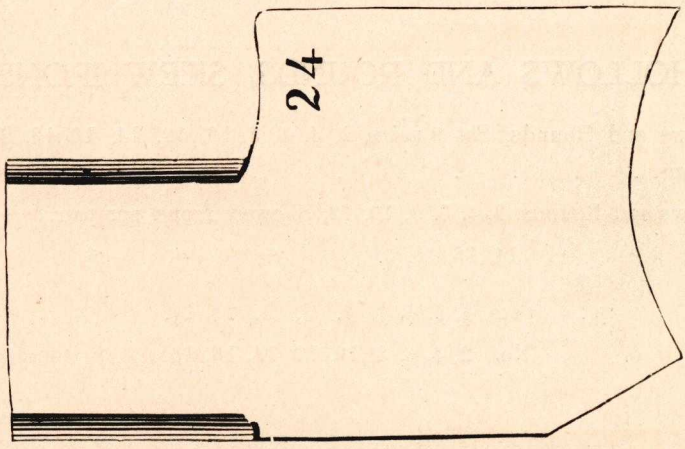
HOLLOWS AND ROUNDS.



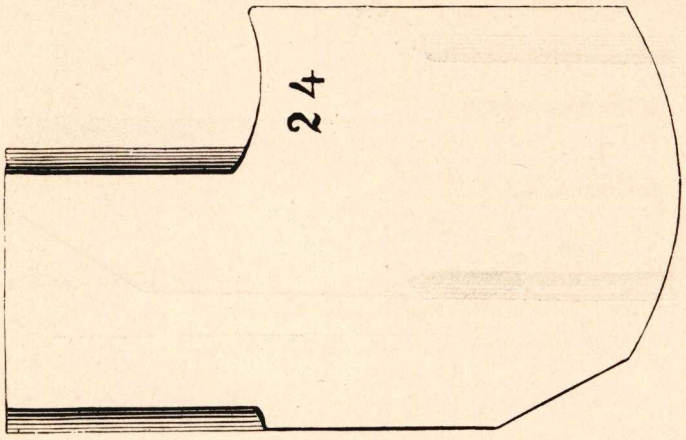


No. 22.

1¾ inch. Works 3 inch Circle.



HOLLOWS AND ROUNDS.



No. 24.

2 inch. Works 3½ inch Circle.

No.				Price.
163.	Hollows and Rounds,	Set 9 pairs, 2 to 18,	Even numbers,	$7.20
164.	" "	" 10 " 2 " 20,	"	8.30
165.	" "	" 12 " 2 " 24,	"	10.50
167.	" "	Nos. 2, 4, 6, 8, 10, 12,	per pair,	.75
	" "	" 14, 16, 18, . . .	"	.90
	" "	" 20, 22, 24, . . .	"	1.10

HOLLOWS AND ROUNDS, SKEW IRONS.

166. Hollows and Rounds, Set 9 pairs, 2, 4, 6, 8, 10, 12, 14, 16, 18, Skewed Irons, ... $9.50

166½. Hollows and Rounds, 2, 4, 6, 8, 10, 12, Skewed Irons, per pair, . . 1.00

" " 14, 16, 18, " " " . . 1.50

Size, ¼, ⅜, ½, ⅝, ¾, ⅞, 1, 1⅛, 1¼.

No. 2, 4, 6, 8, 10, 12, 14, 16, 18.

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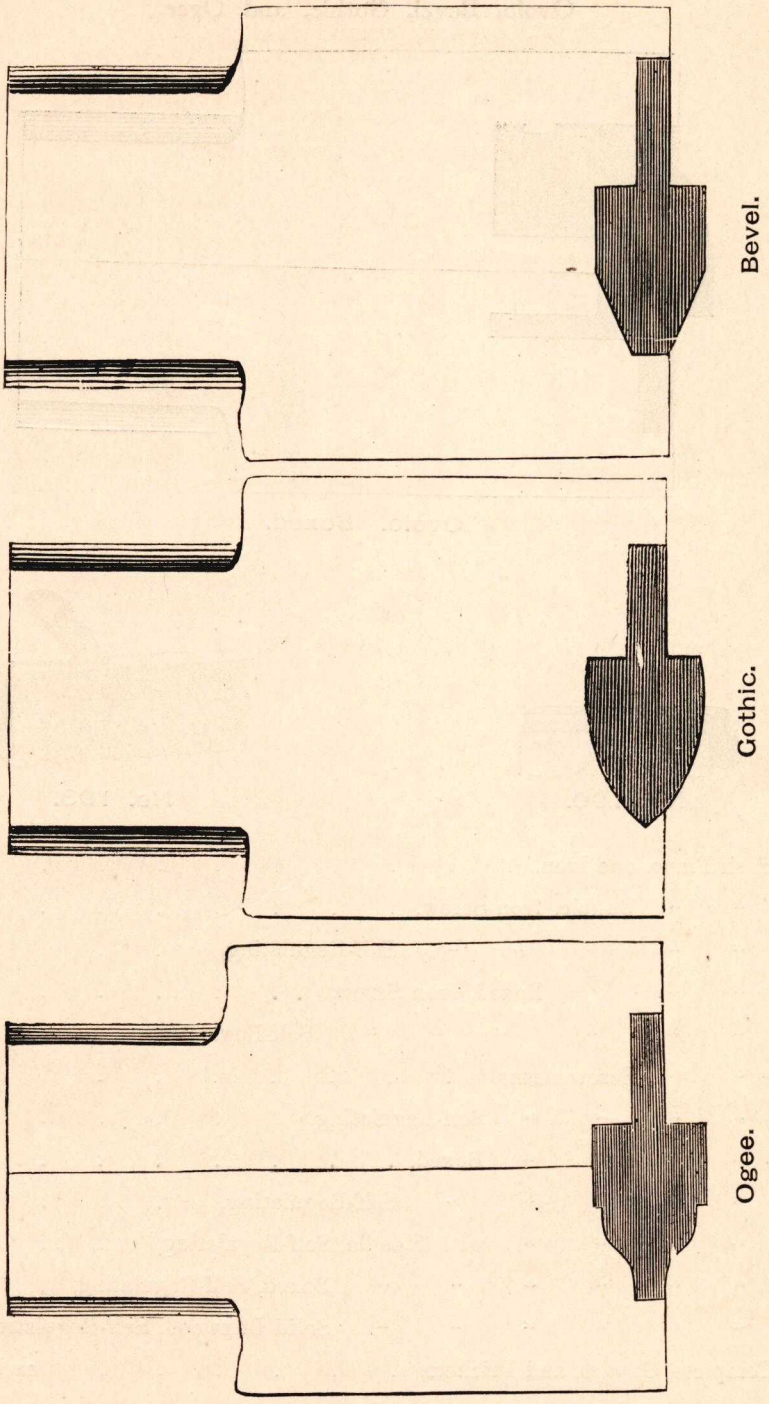
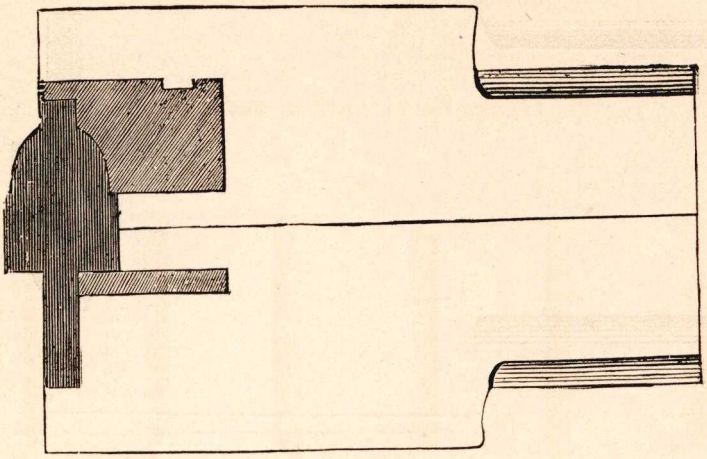
SASH PLANES.

Ovolo, Bevel, Gothic, and Ogee.

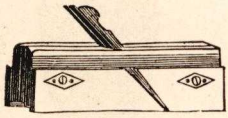


SASH PLANES.

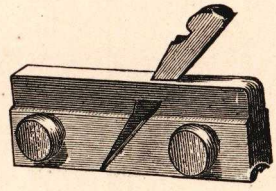
Ovolo, Bevel, Gothic, and Ogee.



Ovolo. Boxed.



No. 190.

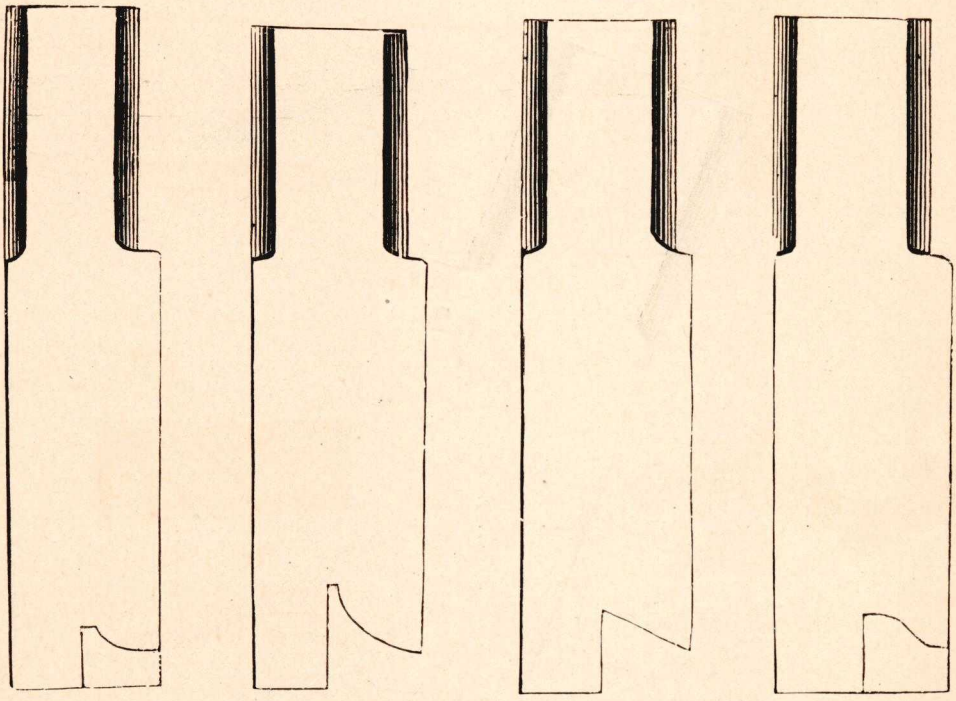


No. 193.

No.		Price, Each.
185.	Sash Plane, one Iron,	$0.60
189.	" " Double, Iron Screw,	1.50
190.	" " " " " Self-Regulating,	1.85
191.	" " " Boxed, Iron Screw,	1.75
192.	" " " " " " Self-Regulating,	2.25
193.	" " Screw Arms,	1.75
194.	" " " " Self-Regulating,	2.60
195.	" " " " Boxed,	2.25
196.	" " " " " Self-Regulating,	2.90
197.	" " " " with Handle, Self-Regulating,	2.75
198.	" " " " " " Boxed, Self-Regulating,	3.15
199.	" " " " " " Solid Boxwood, Self-Regulating,	4.50
	Templets, Gauges, and Prickers, each,	.15

SASH COPING PLANES.

Ovolo, Bevel, Gothic, and Ogee.



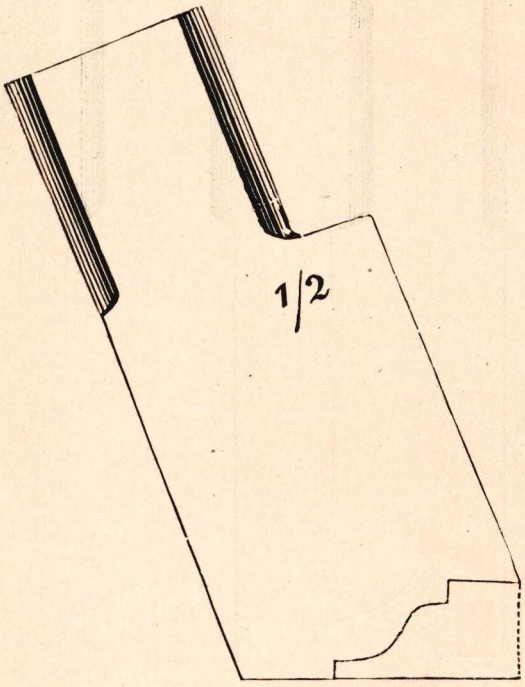
Ovolo. Gothic. Bevel. Ogee.

No.		Price, Each.
200.	Sash Coping Planes,	$0.75
201.	" " " Boxed,	.90
203.	" Filletster, Screw Arms, with Stop,	3.50

MOULDING PLANES.

SIZE GIVEN IS THE WIDTH THE TOOL WORKS. DEPTH USUALLY ONE-HALF THE WIDTH.

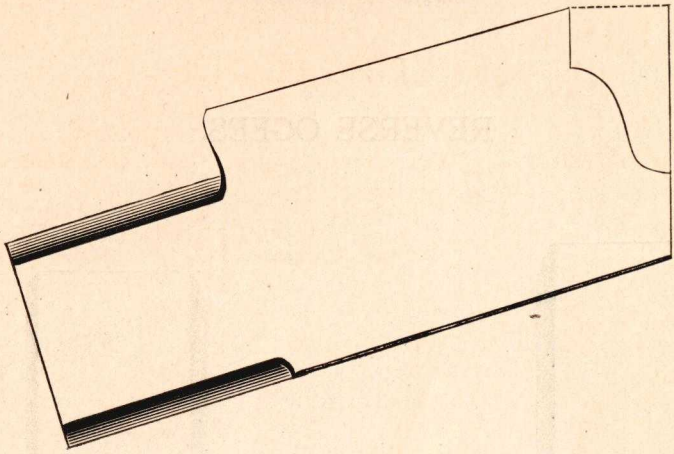
Plain Ogees.



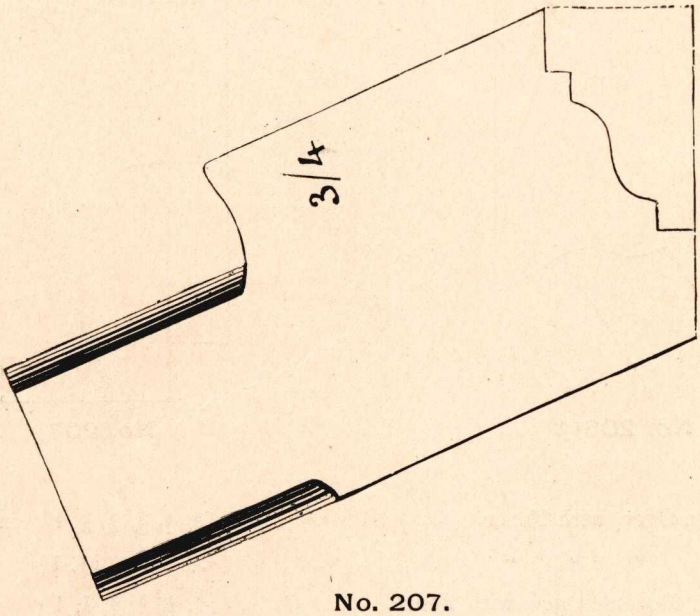
No. 204.

No.			Price, Each.
204.	Plain Ogee,	$\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1 inch,	$0.65
	" "	$1\frac{1}{4}$, $1\frac{1}{2}$ "	.85
	" "	$1\frac{3}{4}$, 2 "	1.00
205.	" " with Bead,	$\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1 "	.75
	" " " "	$1\frac{1}{4}$, $1\frac{1}{2}$ "	1.00
	" " " "	$1\frac{3}{4}$, 2 "	1.25

REVERSE OGEES.



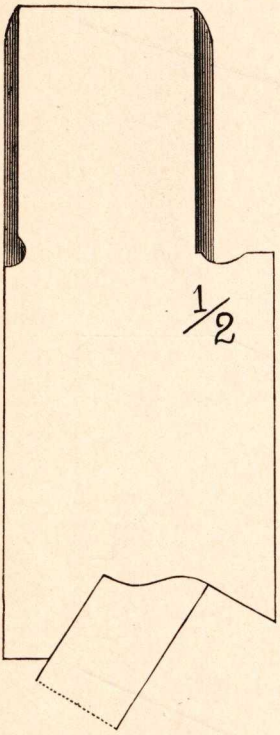
No. 206.



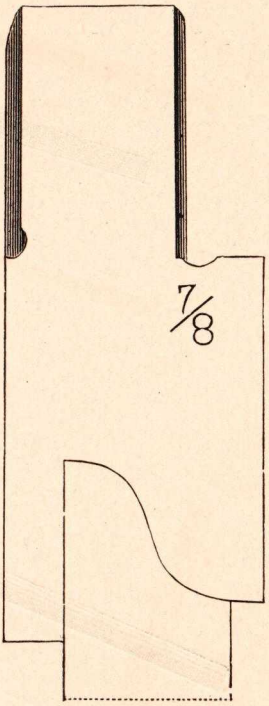
No. 207.

No.				Price, Each.
206.	Reverse and Back Ogee, ...	$\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1	inch,	$0.75
	" " "	$1\frac{1}{4}$, $1\frac{1}{2}$	"	.85
	" " "	$1\frac{3}{4}$, 2	"	1.00
207.	" " " with Bead or Square, .	$\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1	"	.85
	" " " " " " . .	$1\frac{1}{4}$, $1\frac{1}{2}$	"	1.10
	" " " " " " . .	$1\frac{3}{4}$, 2	"	1.30

REVERSE OGEES.



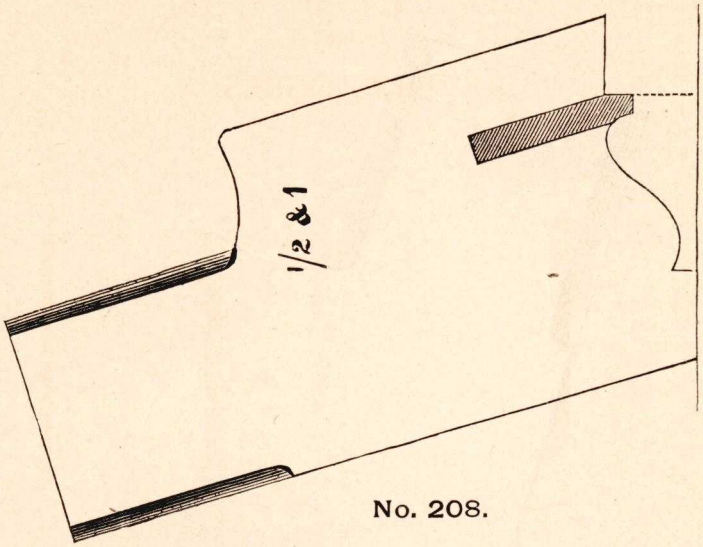
No. 206½.



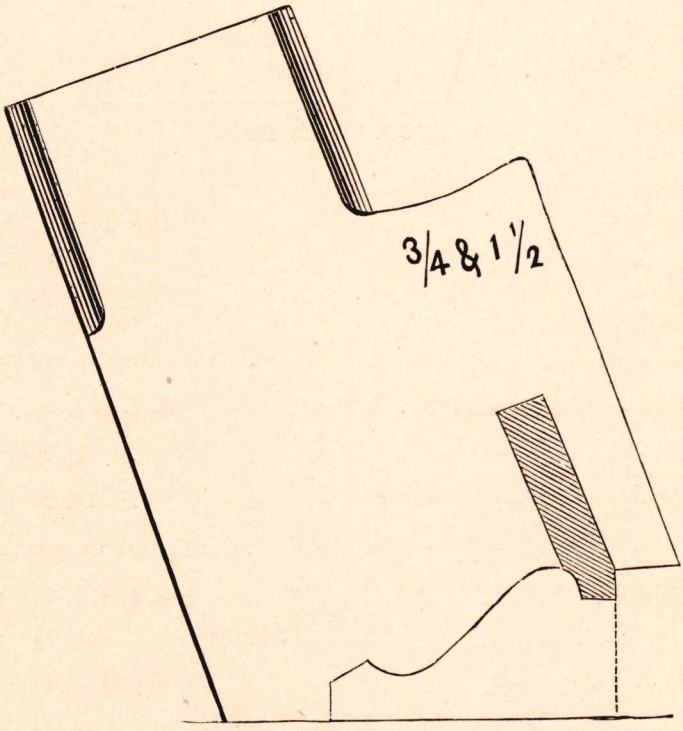
No. 207½.

No.			Price, Each.
206½.	Reverse Ogee, with Fence, ...	⅜, ½, ⅝, ¾, ⅞, 1 inch,	$0.80
	" " " "	1¼, 1½ "	.90
207½.	Roman Reverse Ogee, with Fence, . . .	⅜, ½, ⅝, ¾, ⅞, 1 "	.90
	" " " " "	1¼, 1½ "	1.00
With Handle, extra, ...			.50

GRECIAN OGEES.

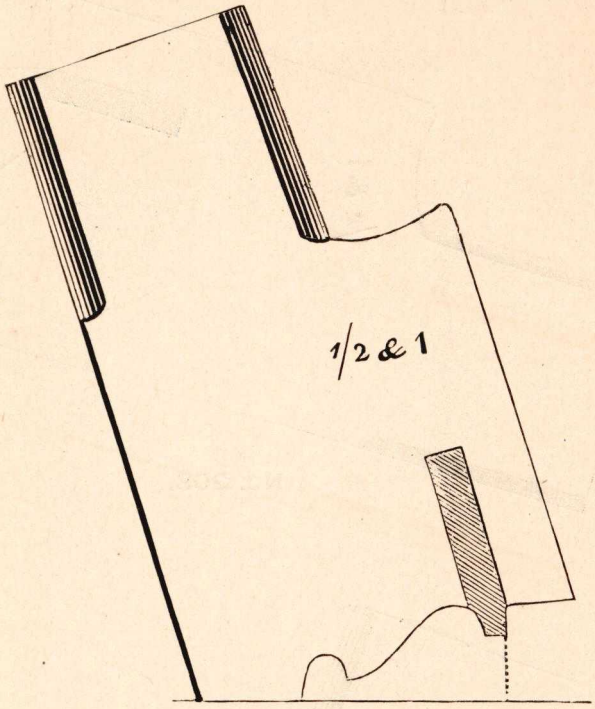


No. 208.



No. 209. With Bevel.

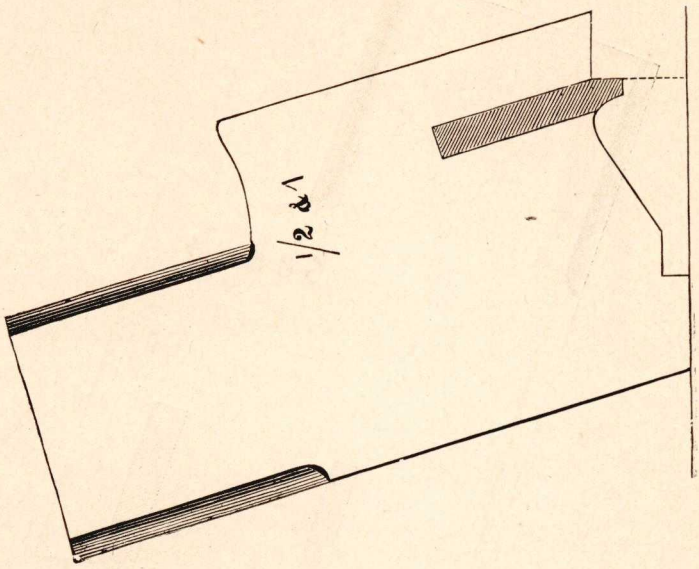
GRECIAN OGEES.



No. 209. With Bead.

No.			Price, Each.
208.	Grecian Ogee,	$\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1 inch,	$0.75
	" "	$1\frac{1}{4}$, $1\frac{1}{2}$ "	.90
	" "	$1\frac{3}{4}$, 2 "	1.10
	" "	with Handle, per inch,	.90
209.	" " with Bevel, Fillet, or Bead,	$\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1 "	.90
	" " " " " "	$1\frac{1}{4}$, $1\frac{1}{2}$ "	1.05
	" " " " " "	$1\frac{3}{4}$, 2 "	1.25
	" " " " " "	with Handle, per inch,	1.00
210.	Quirk Ogees,	$\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1 "	.70
	" "	$1\frac{1}{4}$, $1\frac{1}{2}$ "	.85
211.	" " with Bead,	$\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1 "	.85
	" " " "	$1\frac{1}{4}$, $1\frac{1}{2}$ "	1.00

GRECIAN OVOLOS.



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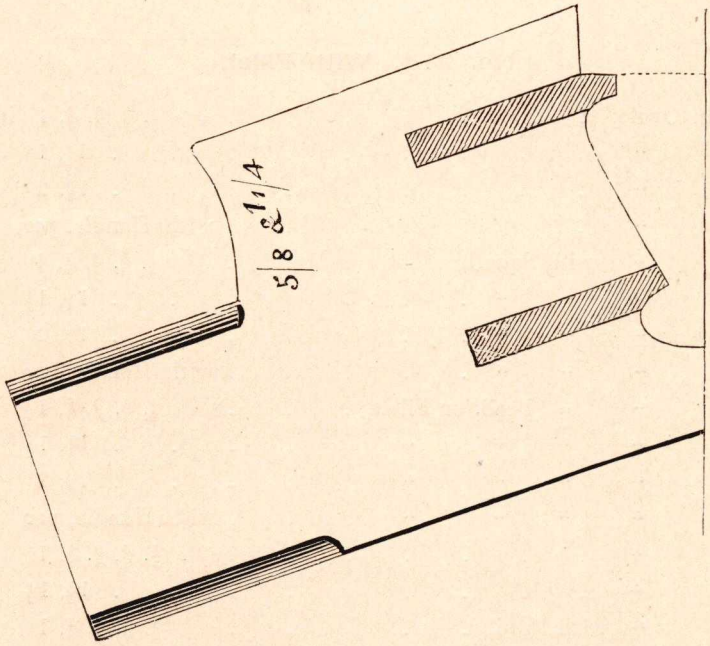
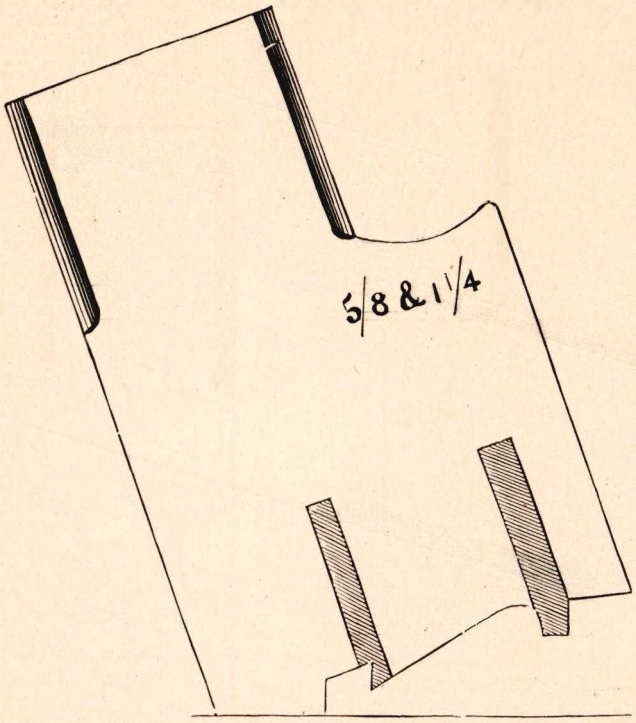


No. 214. With Bead.

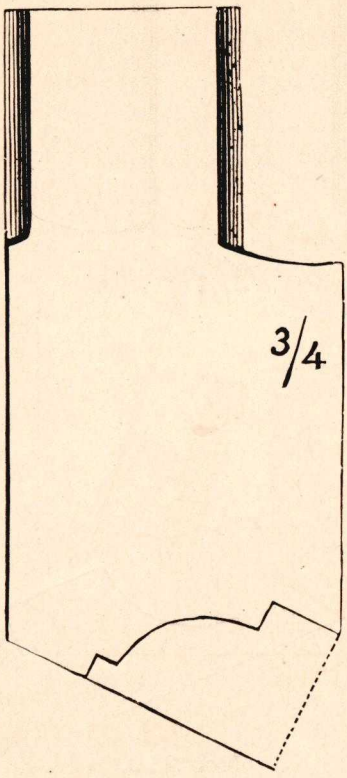
GRECIAN OVOLOS.



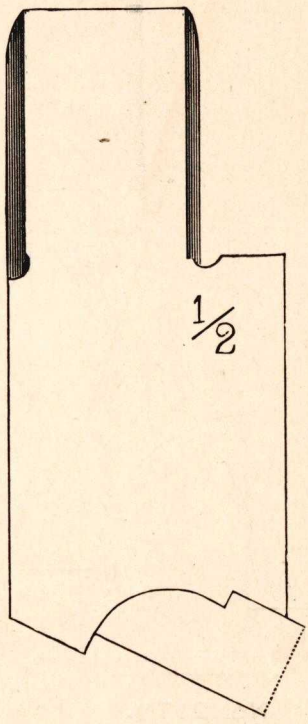
No. 214. With Fillet.

No.				Price, Each.
212.	Grecian Ovolo,		$\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1 inch,	$0.75
	"	"	$1\frac{1}{4}$, $1\frac{1}{2}$ "	.90
	"	"	$1\frac{3}{4}$, 2 "	1.10
	"	"	with Handle, per "	.75
213.	"	" with Square,	$\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1 "	1.00
	"	" " "	$1\frac{1}{4}$, $1\frac{1}{2}$ "	1.10
	"	" " "	$1\frac{3}{4}$, 2 "	1.25
	"	" " "	with Handle, per "	.90
214.	"	" " Bead, or Fillet,	$\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1 "	1.00
	"	" " " "	$1\frac{1}{4}$, $1\frac{1}{2}$ "	1.10
	"	" " " "	$1\frac{3}{4}$, 2 "	1.25
	"	" " " "	with Handle, per "	1.25
215.	Quirk	"	$\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1 "	.70
	"	"	$1\frac{1}{4}$, $1\frac{1}{2}$ "	.80
216.	"	" with Bead,	$\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1 "	.85
	"	" " "	$1\frac{1}{4}$, $1\frac{1}{2}$ "	1.00

QUARTER ROUNDS OR OVOLOS.



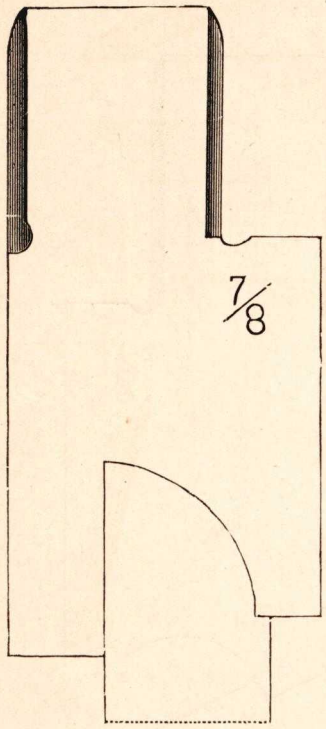
No. 217.



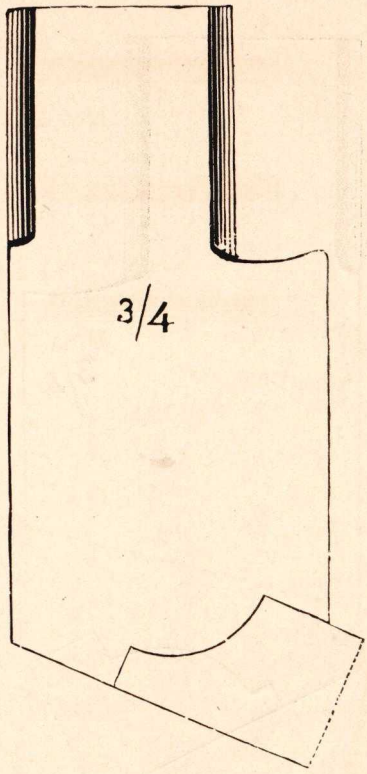
No. 217½.

No.			Price, Each.
217.	Quarter Round or Ovolo, two Squares,	$\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$ inch,	$0.50
	" " "	$\frac{7}{8}$, 1 "	.65
	" " "	$1\frac{1}{4}$, $1\frac{1}{2}$ "	.75
218.	" " with Bead and one Square,	$\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$ "	.65
	" " " "	$\frac{7}{8}$, 1 "	.80
	" " " "	$1\frac{1}{4}$, $1\frac{1}{2}$ "	.90
217½.	" " or Casing Moulding, one Square,	$\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$ "	.50
	" " " " " "	$\frac{3}{4}$, $\frac{7}{8}$, 1 "	.65
	" " " " " "	$1\frac{1}{4}$, $1\frac{1}{2}$ "	.75

QUARTER ROUNDS AND SCOTIAS.



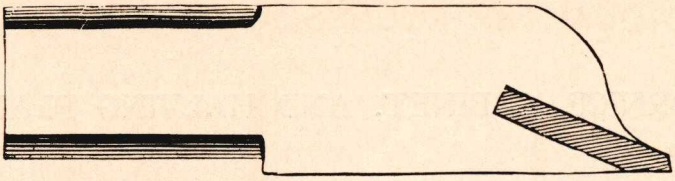
No. 217¾.



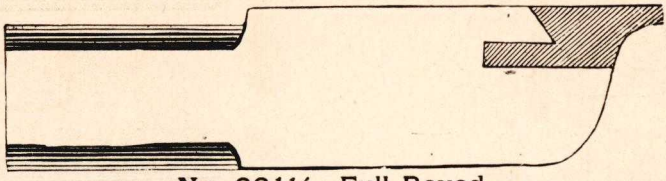
No. 219.

No.		Price, Each.
217¾.	Quarter Round or Casing Moulding, with Fence, . . ⅜, ½, ⅝, ¾ inch,	$0.80
	" " " " " " . . ⅞, 1 "	.90
	" " " " " " . . 1¼, 1½ "	1.00
	" " " " " Handle, extra, . . .	.50
219.	Scotia or Cove, ... ⅜, ½, ⅝, ¾ inch,	.50
	" " . . . . . ⅞, 1 "	.65
	" " . . . . . 1¼, 1½ "	.75
220.	" " with Bead, ... ⅜, ½, ⅝, ¾ "	.65
	" " " " . . . . . ⅞, 1 "	.80
	" " " " . . . . . 1¼, 1½ "	.90

SNIPE BILLS AND BASE MOULDINGS.

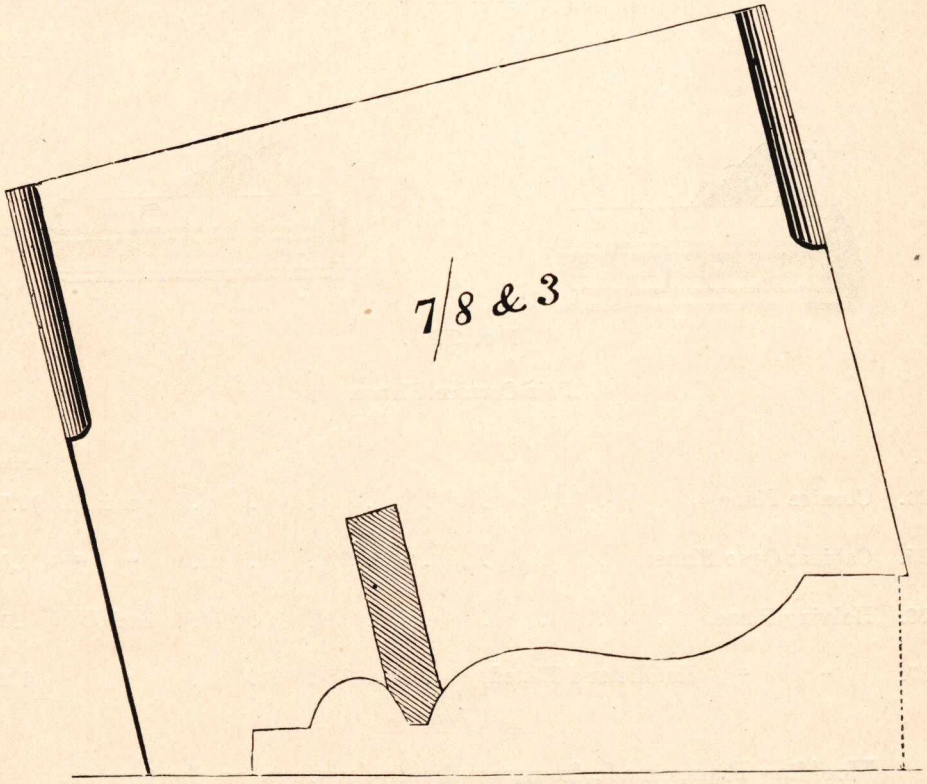


No. 221. Single Boxed.



No. 221½. Full Boxed.

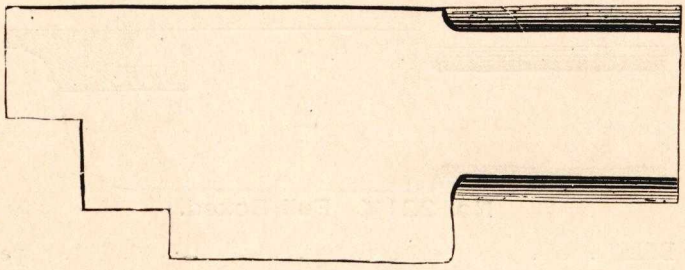
No.		Price.
221.	Snipe Bills, ... per pair,	$1.25
221½.	" " Full Boxed, ... " "	1.75



No. 222. Base Moulding.

No.		Price.
222.	Base and Band Moulding, ... per inch,	$0.70
	" " " with Handle, ... " "	1.00
223.	Bed Moulding, with Handle, ... " "	1.00

CORNICE, CABINET, AND HALVING PLANES.



No. 226.

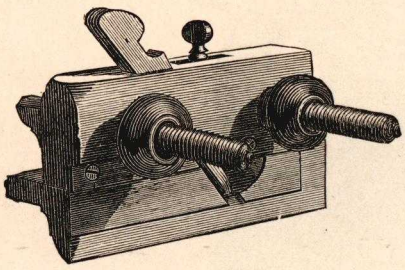
No. 224.

Pair Cornice Planes.

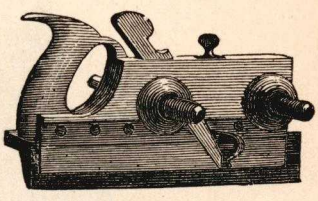
No.		Price.
224.	Cornice Plane, ... per inch,	$1.00
225.	Cabinet Ogee Planes, ... " "	1.00
226.	Halving Plane, ... each,	.50
227.	" " Handle and Plated, ... "	1.25

Moulding Planes made from samples or drawings, on short notice.

GROOVING PLOWS.



No. 232.

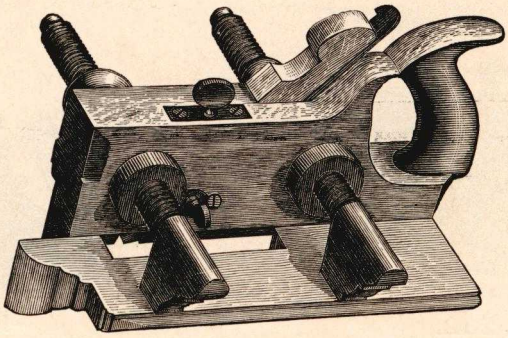


No. 234.

Applewood Screw Arms, Single Plate.

No.			Price, Each.
230.	Plow, Wood Stop,	4 Irons,	$3.00
231.	" " " Boxed or Plated Fence,	4 "	3.25
232.	" Screw "	8 "	4.50
233.	" " " Boxed or Plated Fence,	8 "	4.85
234.	" " " Solid Handle,	8 "	5.50
235.	" " " " " Boxed or Plated Fence,	8 "	5.80

GROOVING PLOWS.

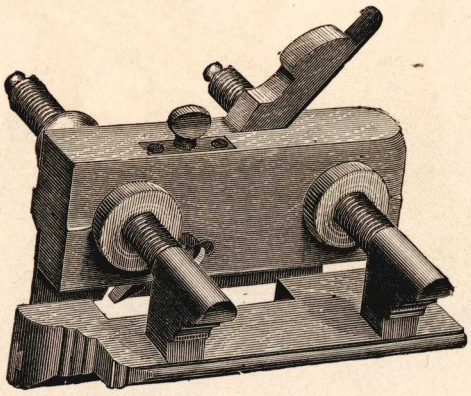


No. 238.

Solid Handle, Boxwood, Screw Arms and Screw Stop, with Side Stop.

No.		Price, Each.
236.	Handled Plow, Beech, Single Plate, ... 8 Irons,	$6.00
237.	" " " Boxed Fence, Single Plate, . . . 8 "	6.50
238.	" " " " " Best, " . . . 8 "	7.00
239.	" " " " " " " Polished, . 8 "	7.50
239½.	" " Applewood, Boxed Fence, Best Plate, " . 8 "	8.00
240.	" " Solid Boxwood, Best Plate, Polished, . . 8 "	10.00
240½.	" " " Rosewood, Boxed Fence, Best Plate, Polished, 8 "	10.00

GROOVING PLOWS.

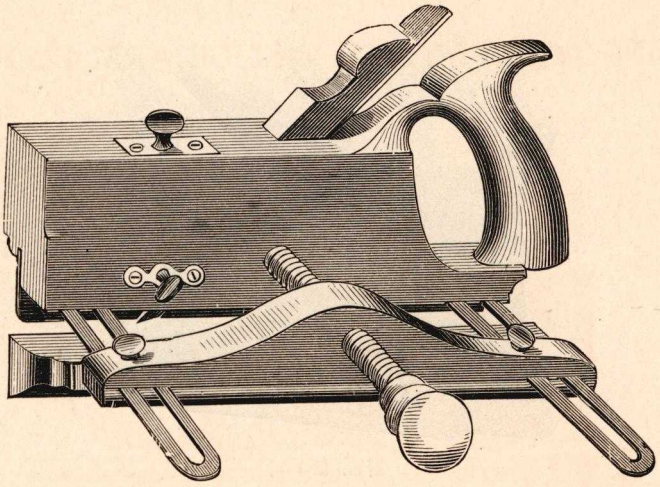


No. 244.

Boxwood Screw Arms and Screw Stop, with Side Stop.

No.			Price, Each.
242.	Plow, Single Plate, ...	8 Irons,	$5.00
243.	" Boxed Fence, Single Plate, ...	8 "	5.25
244.	" " " Best "	8 "	5.60
244½.	" Applewood, " " Polished, . . .	8 "	6.50
245.	" Solid Boxwood, " " " . . .	8 "	8.00
245½.	" " Rosewood, Boxed Fence, Best Plate, Polished, .	8 "	8.00
	Plows with Skate Iron Pattern Plates, ...	extra,	1.00
	" " Steel Facing on Fence, ...	"	.50
	Boxwood Plow Arms, complete, ...	net, per pair,	1.75

PATENT ADJUSTING PLOW.



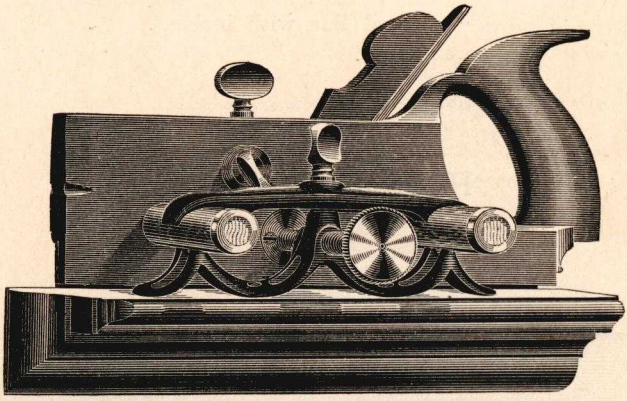
Solid Handle, Screw Stop, with Side Stop.

The adjusting of the Fence to this Plow will be found a great improvement over the old style of Plow. It is simple in its construction, easily and accurately adjusted ; as all projections are on the left-hand side, the mechanic is not obliged to remove his tools from the work-bench in order to use it.

This attachment is applicable to all Screw-Arm Tools.

No.			Price, Each.
236½.	Handled, Beech, Single Plate, ...	8 Irons,	$6.00
238½.	" " Boxed Fence, Best Plate, ...	8 "	7.00
239¾.	" Applewood, Boxed Fence, Best Plate, Polished, .	8 "	8.00

IMPROVED PATENT V SLIDE ARM PLOW.

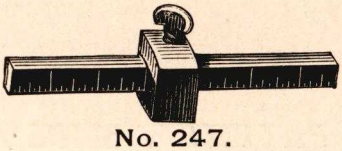


With Adjusting Screw.

No.			Price, Each.
236¼.	Handle Plow, Single Plate, with Adjusting Screw, . .	8 Irons,	$6.00
238¼.	" " Boxed Fence, Best Plate, with Adjusting Screw,	8 "	7.00
239¼.	" " Applewood, Boxed Fence, Best Plate, Polished, with Adjusting Screw, ...	8 "	8.00

MARKING GAUGES.

ONE DOZEN IN A BOX.

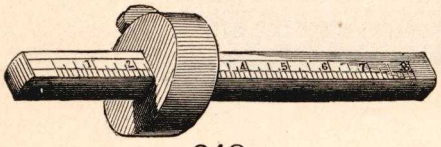


No. 247.

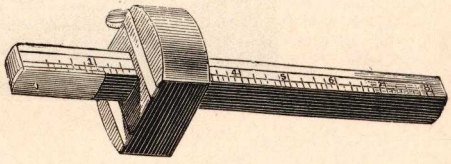
No.		Per Dozen.
246.	Common Marking Gauge, with inches,	$0.90
247.	" " " Oval Bar, with inches,	1.00

PREMIUM GAUGES.

ONE DOZEN IN A BOX.



248.



250½.

No.		Per Dozen.
248.	Marking Gauge, Oval Head and Bar, Steel Points, with inches,	$1.25
271.	" " Polished, Oval Bar, " " " "	2.00
272.	" " " Plated Head, Oval Bar, Steel Points, with inches,	2.75
249.	Marking Gauge, Applewood, Oval Head and Bar, Steel Points, with inches,	2.00
250.	Marking Gauge, Mahogany or Applewood, Plated Oval Head and Bar, Steel Points, with inches,	4.00
250½.	Marking Gauge, Mahogany or Applewood, Plated Head and Bar, Brass Thumb Screw, Oval Bar, Steel Points, with inches,	5.50
251.	Marking Gauge, Box or Rosewood, Oval Head and Bar, Brass Thumb Screw, Steel Points, with inches,	3.50
252.	Marking Gauge, Box or Rosewood, Plated Oval Head and Bar, Brass Thumb Screw, Steel Points, with inches,	6.00

CUTTING GAUGES.

ONE DOZEN IN A BOX.

No.		Per Dozen.
253.	Cutting Gauge, Oval Bar, Steel Cutters, with inches,	$2.50
254.	" " Applewood, Oval Bar, Steel Cutters, with inches,	3.25

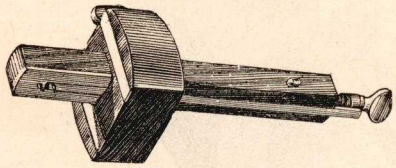
PANEL GAUGES.

ONE-HALF DOZEN IN A BOX.

No.		Per Dozen.
255.	Panel Gauge, Oval Bar, Brass Thumb Screw, Steel Points, with inches,	$4.75
256.	Panel Gauge, Applewood, Oval Bar, Brass Thumb Screw, Steel Points, with inches,	6.00
257.	Panel Gauge, Mahogany, Plated Head and Bar, Oval Bar, Brass Thumb Screw, Steel Points, with inches,	12.00
258.	Panel Gauge, Rosewood, Plated Head and Bar, Oval Bar, Brass Thumb Screw, Steel Points, with inches,	18.00

MORTISE GAUGES.

ONE-HALF DOZEN IN A BOX.



No. 262.

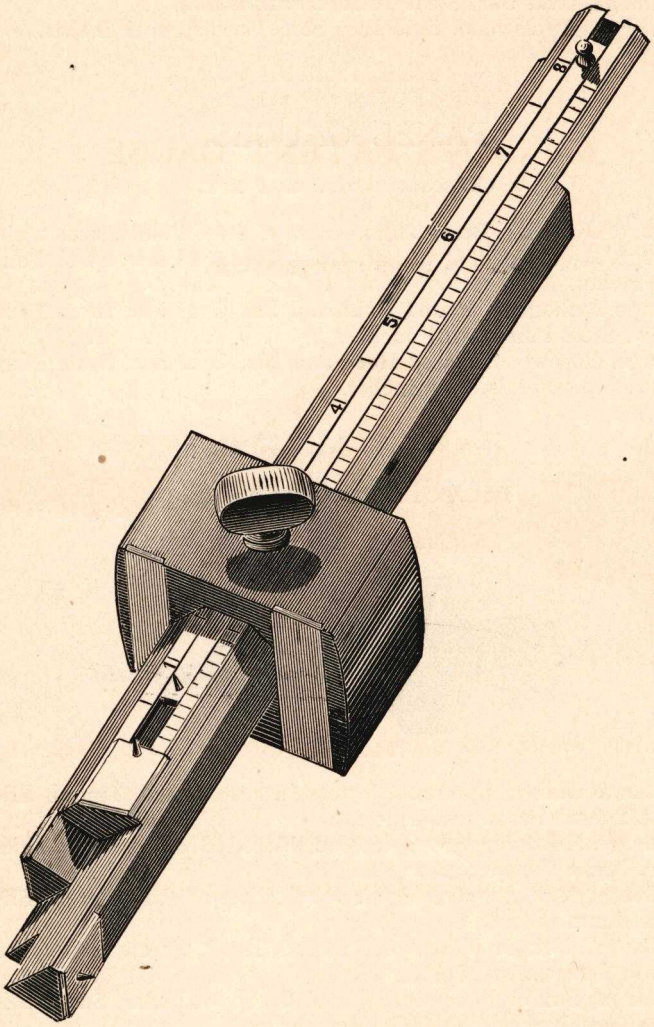
No.		Per Dozen.
259.	Mortise Gauge, Mahogany or Applewood, Plated Head, Thumb Slide, Brass Thumb Screw, Steel Points,	$6.50
259½.	Mortise Gauge, Mahogany or Applewood, Plated Head and Bar, Thumb Slide, Brass Thumb Screw, Steel Points,	8.00
260.	Mortise Gauge, Mahogany or Applewood, Plated Head, Screw Slide, Brass Thumb Screw, Steel Points,	9.00
261.	Mortise Gauge, Box or Rosewood, Plated Head, Screw Slide, Brass Thumb Screw, Steel Points,	11.00
262.	Mortise Gauge, Box or Rosewood, Plated Head and Bar, Screw Slide, Brass Thumb Screw, Steel Points,	14.00
263.	Mortise Gauge, Box or Rosewood, Full Plated Head and Plated Bar, Screw Slide, Brass Thumb Screw, Steel Points,	18.00
264.	Mortise Gauge, Box or Rosewood, Full Plated Head and Bar, Screw Slide, Brass Thumb Screw, Steel Points,	20.00

SLITTING GAUGES.

No.		Per Dozen.
265.	Slitting Gauge, with Handle,	$9.00
266.	" " " " and Rollers,	10.00

C. SCHOLL'S PATENT COMBINATION GAUGE.

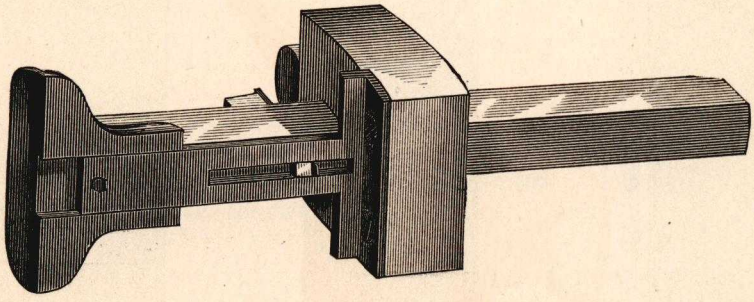
ONE-HALF DOZEN IN A BOX.



No.		Per Dozen.
267.	Rosewood, Four Bars—three Bars Marking and one Mortise, Plated Head and Bar, Brass Thumb Screw, Steel Points, with inches, .	$24.00
268.	Rosewood, Three Bars—two Bars Marking and one Mortise, Plated Head and Bar, Brass Thumb Screw, Steel Points, with inches, .	22.00
269.	Mahogany, Four Bars—three Bars Marking and one Mortise, Plated Head and Bar, Wood Thumb Screw, Steel Points, with inches, .	21.00
270.	Mahogany, Three Bars—two Bars Marking and one Mortise, Plated Head and Bar, Wood Thumb Screw, Steel Points, with inches, .	19.00

MARDEN'S PATENT GAUGE.

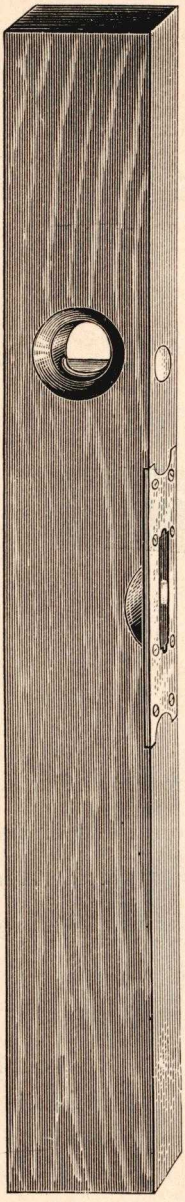
For Door Hangers Use.



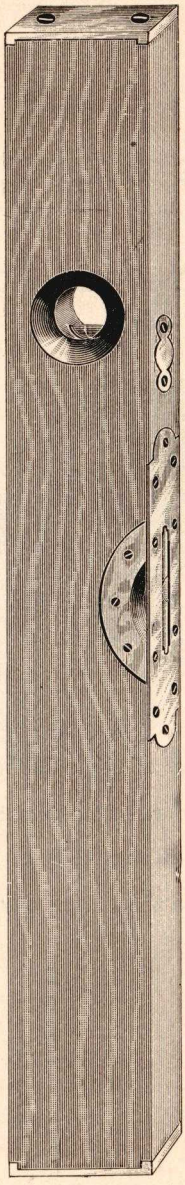
This Gauge is so constructed that at one adjustment it will mark the distance for the Butt on the Jamb and on the Door. The two Spurs will correspond in distance from each head ; allowance is made in the make of the Gauge for Paint. Adapted for any thickness of Doors, and to be used from the side of Door that shuts against the Jamb.

Price, per dozen, ... $24.00

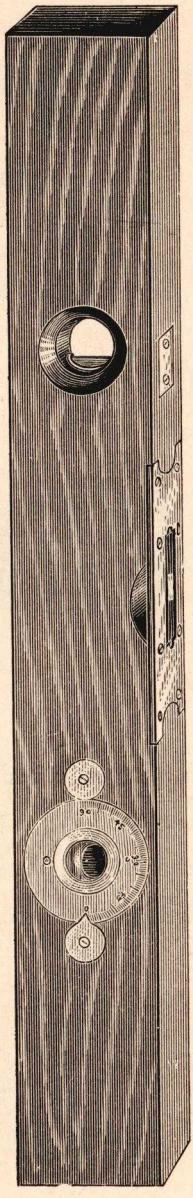
LEVELS.



No. 290.



No. 293.



No. 304.

No.		Per Dozen.
286.	Level, Cherry, Side Views, assorted, ...	10 to 16 inch, $9.00
287.	" " " " "	18 " 24 " 12.00

PLUMBS AND LEVELS.

No.			Per Dozen.
289.	Plumb and Level, Cherry, Polished, Side Views, assorted,	12 to 18 inch,	$14.00
289½.	" " " " " " " "	18 " 24 "	16.00
290.	" " " " " " " "	24 " 30 "	18.00
290½.	Plumb and Level, Cherry, Polished, Brass-Lipped Side Views, assorted,	24 " 30 "	24.00
291.	Plumb and Level, Mahogany, Polished, Side Views, assorted,	24 " 30 "	22.50
292.	Plumb and Level, Mahogany, Polished, Brass-Lipped Side Views, assorted,	24 " 30 "	30.00
293.	Plumb and Level, Cherry, Polished, Brass-Lipped Side Views and Tipped, assorted,	24 " 30 "	35.00
293½.	Plumb and Level, Cherry, Polished, Side Views and Tipped, assorted,	24 " 30 "	28.00
294.	Plumb and Level, Cherry, Triple Stock, Polished, Brass-Lipped Side Views and Tipped, assorted,	24 " 30 "	45.00
296.	Plumb and Level, Mahogany, Polished, Brass-Lipped Side Views and Tipped, assorted,	12 " 18 "	27.00
297.	Plumb and Level, Mahogany, Polished, Brass-Lipped Side Views and Tipped, assorted,	24 " 30 "	48.00
298.	Plumb and Level, Mahogany, Triple Stock, Polished, Brass-Lipped Side Views and Tipped, assorted,	24 " 30 "	58.00
300.	Plumb and Level, Rosewood, Triple Stock, Polished, Brass-Lipped Side Views and Tipped,	28 "	102.00

Note.—Nos. 290 and 293½ we also keep in stock, assorted, 12 to 22 inches. The regular assortment, 24 to 30 inches, will always be sent unless otherwise ordered.

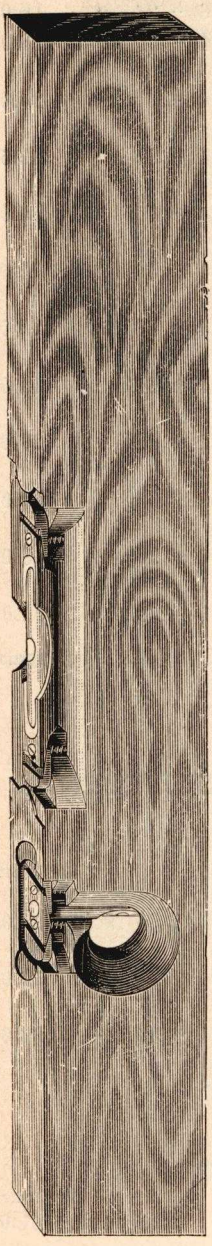
PLUMBS AND LEVELS, WITH GRADUATING ADJUSTMENTS.

To work at any Angle or Elevation required.

No.			Per Dozen.
304.	Graduated Adjusting Plumb and Level, Cherry, Polished, Side Views, assorted,	24 to 30 inch,	$30.00
306.	Graduated Adjusting Plumb and Level, Cherry, Polished, Brass-Lipped Side Views and Tipped,	24 " 30 "	57.00
308.	Graduated Adjusting Plumb and Level, Mahogany, Polished, Brass-Lipped Side Views and Tipped,	24 " 30 "	66.00

MASONS' PLUMBS AND LEVELS.

No.			Per Dozen.
310.	Masons' Plumb and Level, Cherry, Polished, Side Views,	36 inch,	$21.00
310¼.	Masons' Plumb and Level, Two Plumbs, Cherry, Polished, Side Views,	36 "	25.00
310½.	Masons' Plumb and Level, Two Plumbs, Mahogany, Polished, Side Views,	36 "	40.00



SECTIONAL VIEW.

PATENT ADJUSTABLE

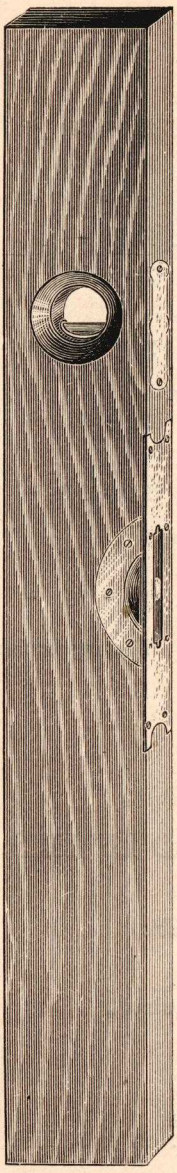
PLUMBS AND LEVELS.

The Drawing represents an Adjustable Plumb and Level with the plates removed. The metallic case or glass holder is constructed at its two ends with an ear or lug, inclined upon the under side. Beneath these two ears the adjustable seats are arranged. These are inclined upon their upper surfaces corresponding to the incline of the ears, and are slotted so that the screw which is introduced through the ear, and into the wood through the slots, the seats resting solidly upon the wood.

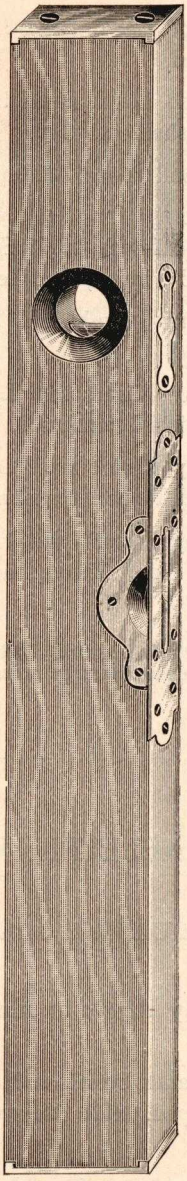
To adjust the glass, either of the seats is forced beneath its respective ear, or drawn therefrom until the bubble indicates the perfect level. The screws are then set, thus securing the case and seats in place. The transverse or plumb glass is adjusted in the same manner, save that the ears are at one end of the glass holder, and at right angles thereto.

This improvement in adjusting the spirit glass is highly commended by the mechanic for its simplicity, and being reliable in all its parts, beneath the plates, and not exposed to meddlesome persons, no springs to become inefficient by constant use or careless handling.

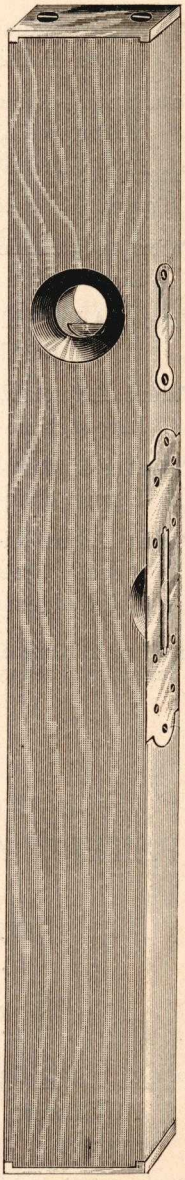
PATENT ADJUSTABLE
MASONS' PLUMBS AND LEVELS.



No. 490½.



No. 493.



No. 493½.

No.			Per Dozen.
410¼.	Masons' Patent Adjustable Plumb and Level, Cherry, Two Plumbs, Side Views, Polished, ...	36 inch,	$30.00
490¾.	Masons' Patent Adjustable Plumb and Level, Cherry, Brass-Lipped, Side Views, Polished, ...	42 "	33.00
35.	Masons' Patent Adjustable Plumb and Level, for Plumb Line.	42 "	36.00

PATENT ADJUSTABLE PLUMBS AND LEVELS.

No.			Per Dozen.
490½.	Patent Adjustable Plumb and Level, Brass-Lipped, Side Views, Polished, assorted, ...	24 to 30 inch,	$27.00
493.	Patent Adjustable Plumb and Level, Brass-Lipped, Side Views, and Tipped, Polished, assorted, . . .	24 " 30 "	39.00
493½.	Patent Adjustable Plumb and Level, Side Views, and Tipped, Polished, assorted, ...	24 " 30 "	30.00
494.	Patent Adjustable Plumb and Level, Triple Stock, Brass-Lipped, Side Views, and Tipped, Polished, assorted,	24 " 30 "	48.00
491.	Patent Adjustable Mahogany Plumb and Level, Side Views, Polished, assorted, ...	24 " 30 "	27.00
492.	Patent Adjustable Mahogany Plumb and Level, Brass-Lipped, Side Views, Polished, assorted, . . .	24 " 30 "	33.00
497.	Patent Adjustable Mahogany Plumb and Level, Brass-Lipped, Side Views, and Tipped, Polished, assorted,	24 " 30 "	48.00
498.	Patent Adjustable Mahogany Plumb and Level, Triple Stock, Brass-Lipped, Side Views, and Tipped, Polished, assorted, ...	24 " 30 "	60.00

Note.—No. 493½ we also keep in stock, assorted, 12 to 22 inches. The regular assortment, 24 to 30 inches, will always be sent unless otherwise ordered.

PATENT ADJUSTABLE PLUMBS AND LEVELS.

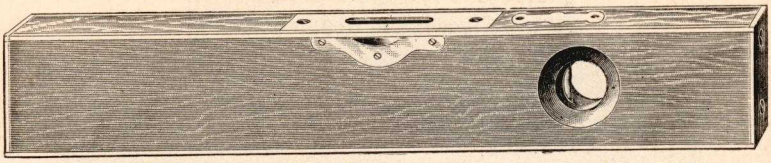
WITH GRADUATING ADJUSTMENTS.

To work at any Angle or Elevation required.

No.			Per Dozen.
504.	Patent Adjustable Plumb and Level, with Graduating Adjustment, Brass-Lipped, Side Views, Polished, assorted, ...	24 to 30 inch,	$36.00
506.	Patent Adjustable Plumb and Level, with Graduating Adjustment, Brass-Lipped, Side Views, and Tipped, Polished, assorted, ...	24 " 30 "	58.00
508.	Patent Adjustable Mahogany Plumb and Level, with Graduating Adjustment, Brass-Lipped, Side Views, and Tipped, Polished, assorted, ...	24 " 30 "	66.00

LEVELS.

Chapin's Improved Brass Cornered.



Patent Adjustable Plumbs and Levels, Brass Corners, Heavy Brass Top Plates and Ends, Brass-Lipped, Side Views.

No. 1. Solid Cherry.

EXTRA QUALITY.

Length, . .	18,	24,	26,	28,	30 inch.
Price Each, .	$3.50,	$4.00,	$4.25,	$4.50,	$5.00.

No. 2. Solid Mahogany.

EXTRA QUALITY.

Length, . .	18,	24,	26,	28,	30 inch.
Price Each, .	$4.00,	$4.85,	$5.00,	$5.15,	$5.50.

No. 3. Solid Rosewood.

EXTRA QUALITY.

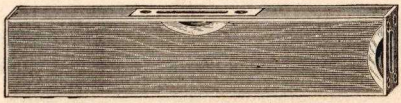
Length, . .	18,	24,	26,	28,	30 inch.
Price Each, .	$5.50,	$7.00,	$7.25,	$7.60,	$8.00.

No. 4. Triple Stock Rosewood.

EXTRA QUALITY.

Length, ...	24,	26,	28,	30 inch.
Price Each, ...	$6.50,	$6.75,	$7.25,	$7.75.

MACHINISTS' LEVELS.



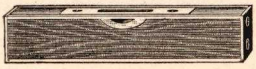
No. 10.

Rosewood Plumb and Level, Brass Corners, Heavy Brass Top Plates and Ends, Brass Side Views.

No. 10. Solid Rosewood.

EXTRA QUALITY.

Length, ...	8,	10,	12 inch.
Price Each, ...	$2.00,	$2.40,	$2.60.



No. 12.

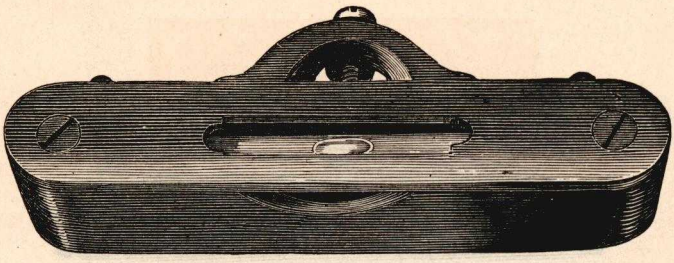
No. 12. Solid Rosewood Level (no Plumb), Extra Quality, Brass Corners, Heavy Brass Top Plate and Ends, Brass Side Views. Length, 6½ inches. Price Each, ... $1.10

All brass cornered Plumbs and Levels are highly polished the natural color of the wood.

Prices on Masons' Plumb Rules and Plumb Rules with Level, quoted on application.

Prices on Track Levels for laying railroad and electric tracks quoted on application.

POCKET LEVELS.



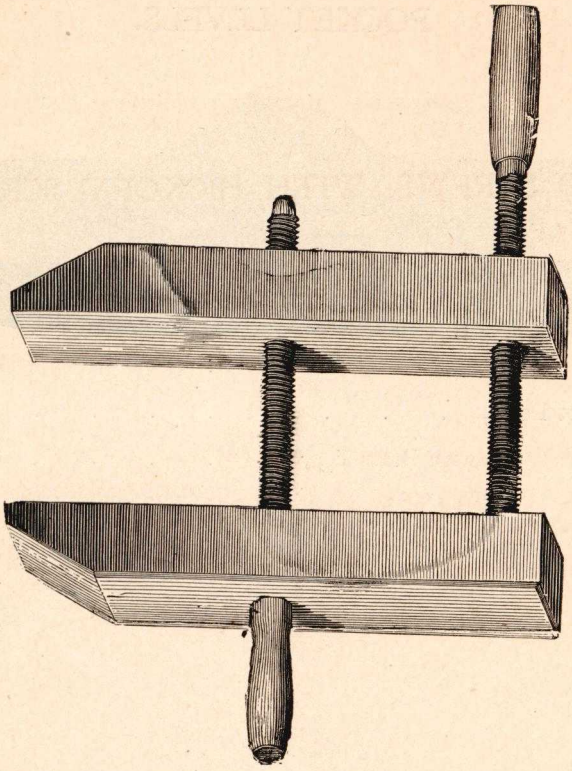
No. 311.

No.		Per Dozen.
311.	Iron Pocket Level,	$2.50
312.	" " " with Brass Top,	3.00

LEVEL GLASSES.

		Per Gross.
Level Glasses,	1¾ inch,	$9.50
" "	2 "	10.00
" "	2½ "	10.50
" "	3 "	11.50
" "	3½ "	13.00
" "	4 "	14.50
" "	4½ "	16.00
" " assorted,	1¾, 2, 3, and 3½, "	12.00

HAND SCREWS, WITH HICKORY SCREWS.



No.	Diameter of Screw.	Length of Screw.	Length of Jaw.	Size of Jaw.	Per Dozen.
313.	$\frac{1}{2}$ inch,	10 inch,	6 inch,	1 $\times 1\frac{1}{4}$ inch,	$2.25
314.	$\frac{5}{8}$ "	12 "	8 "	$1\frac{3}{8} \times 1\frac{3}{8}$ "	2.75
315.	$\frac{3}{4}$ "	16 "	10 "	$1\frac{5}{8} \times 1\frac{5}{8}$ "	3.50
316.	$\frac{7}{8}$ "	18 "	13 "	$1\frac{7}{8} \times 1\frac{7}{8}$ "	5.00
317.	1 "	20 "	14 "	$2\frac{1}{8} \times 2\frac{1}{8}$ "	6.00
318.	1 "	20 "	16 "	$2\frac{1}{4} \times 2\frac{1}{4}$ "	6.50
319.	$1\frac{1}{4}$ "	24 "	18 "	$2\frac{5}{8} \times 2\frac{5}{8}$ "	8.50
320.	$1\frac{1}{4}$ "	24 "	20 "	$2\frac{3}{4} \times 2\frac{3}{4}$ "	10.50
321.	$1\frac{1}{4}$ "	30 "	22 "	3 $\times 3$ "	14.00
322.	Jewelers' Thumb Screws, $\frac{3}{8}$ inch, ...				2.00
	Toy Hand Screws, $\frac{3}{8}$ inch, ...				1.50

Hand Screws, packed one dozen in a case, no charge for case. Orders for assorted sizes, less than a full case packed together, cases charged.

HAND SCREWS, WITH HICKORY SCREWS.

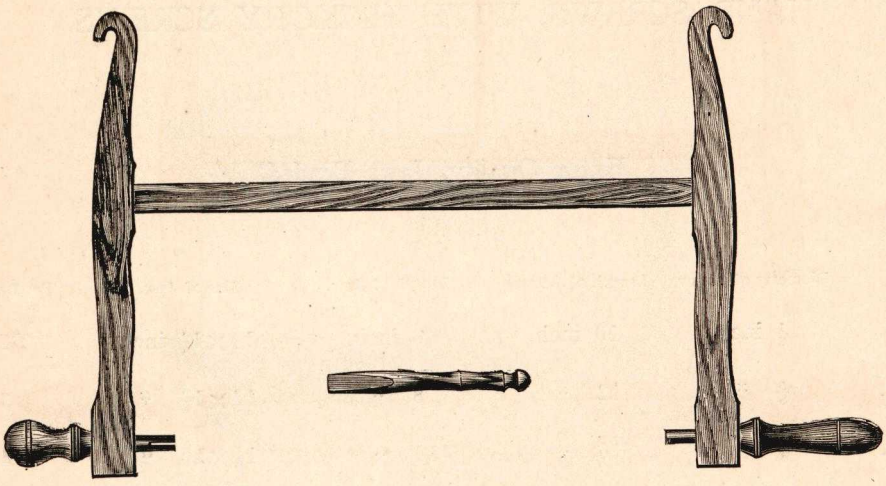
Extra Quality, Jaws Beaded.

No.	Diameter of Screw.	Length of Screw.	Length of Jaw.	Size of Jaw.	Per Dozen.
323.	$\frac{1}{2}$ inch,	10 inch,	6 inch,	1 $\times 1\frac{1}{4}$ inch,	$2.50
324.	$\frac{5}{8}$ "	12 "	8 "	$1\frac{3}{8} \times 1\frac{3}{8}$ "	3.00
325.	$\frac{3}{4}$ "	16 "	10 "	$1\frac{5}{8} \times 1\frac{5}{8}$ "	4.00
326.	$\frac{7}{8}$ "	18 "	13 "	$1\frac{7}{8} \times 1\frac{7}{8}$ "	5.50
327.	1 "	20 "	14 "	$2\frac{1}{8} \times 2\frac{1}{8}$ "	6.75
328.	1 "	20 "	16 "	$2\frac{1}{4} \times 2\frac{1}{4}$ "	7.25
329.	$1\frac{1}{4}$ "	24 "	18 "	$2\frac{5}{8} \times 2\frac{5}{8}$ "	9.50
330.	$1\frac{1}{4}$ "	24 "	20 "	$2\frac{3}{4} \times 2\frac{3}{4}$ "	11.50
331.	$1\frac{1}{4}$ "	30 "	22 "	3 $\times 3$ "	15.25

Moulders' Flask Screws and Press Screws made to order.

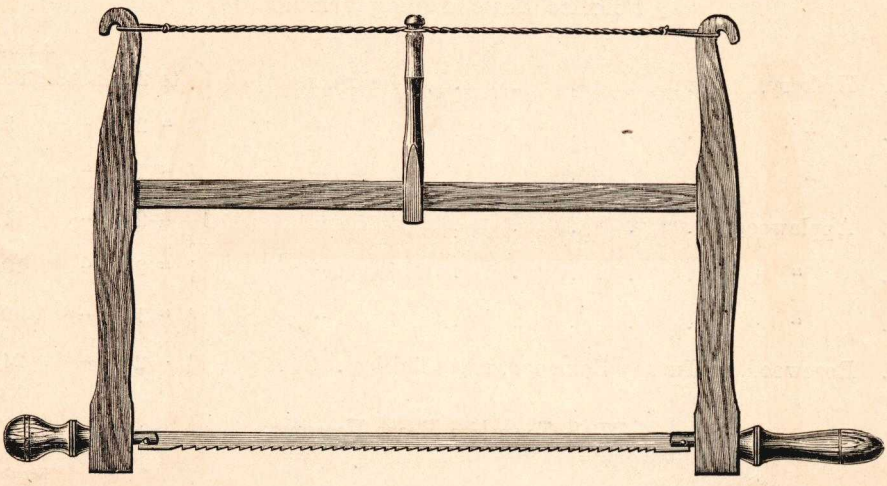
TURNING-SAW FRAMES.

PUT UP IN ONE-HALF DOZEN BOXES.



No.			Per Dozen.
339.	Turning-Saw Frame,	10 inch,	$7.00
340.	" "	12 "	8.00
341.	" "	14 "	9.00
342.	" "	16 "	9.75
343.	" "	18 "	10.75
344.	" "	20 "	11.50
345.	" "	22 "	12.00
346.	" "	24 "	12.50
347.	" "	26 "	13.00
348.	" "	28 "	13.50
349.	" "	30 "	14.00

TURNING-SAW FRAMES AND SAWS.



No.			Per Dozen.
350.	Turning-Saw Frame and Saw, ...	10 inch,	$10.75
351.	" " "	12 "	12.25
352.	" " "	14 "	13.75
353.	" " "	16 "	15.25
354.	" " "	18 "	16.75
355.	" " "	20 "	18.00
356.	" " "	22 "	18.75
357.	" " "	24 "	19.50
358.	" " "	26 "	20.50
359.	" " "	28 "	21.75
360.	" " "	30 "	22.75

CHISEL HANDLES.

ONE DOZEN IN A BOX.

Polished Brass Tubing Ferrules.

No.				Per Gross.
361.	Hickory,	4 sizes, assorted,	1 to 2 inch,	$10.00
362.	"	6 "	¼ " 2 "	9.50
363.	"	4 "	⅛ " 1½ "	8.75
364.	Applewood,	4 "	1 " 2 "	11.00
365.	"	6 "	¼ " 2 "	10.50
366.	"	4 "	⅛ " 1½ "	9.75
367.	Rosewood, or Turkey Boxwood, extra finish,		⅛ " 2 "	24.00

With Seamless Brass Ferrules.

No.				Per Gross.
368.	Hickory,	4 sizes, assorted,	1 to 2 inch,	$7.50
369.	"	6 "	¼ " 2 "	6.75
370.	"	4 "	⅛ " 1½ "	6.00
371.	Applewood,	4 "	1 " 2 "	8.50
372.	"	6 "	¼ " 2 "	7.50
373.	"	4 "	⅛ " 1½ "	6.50

Nos. 368 to 373, inclusive, with Polished Seamless Iron Ferrules, extra, $1.00.

SOCKET CHISEL HANDLES.

Polished.

No.		Per Gross.
374.	Socket Firmer, Hickory, assorted,	$4.50
375.	" " Applewood, "	5.50
376.	" Framing, Hickory, "	5.00
377.	" " " Iron Ferrule, assorted,	8.00

FILE HANDLES.

THREE DOZEN IN A BOX.

Seamless Brass Ferrules.

No.		Per Gross.
378.	Cherry, assorted, 4 sizes,	$5.00
379.	" " 3 large sizes,	5.50
380.	Soft wood, " 4 sizes,	4.00
381.	" " " 3 large sizes,	4.50
382.	Rosewood or Turkey Boxwood, extra finish, Jewelers' use,	18.00
	File Handles with Polished Seamless Iron Ferrules, extra,	1.00

BRAD-AWL HANDLES.

THREE DOZEN IN A BOX.

Seamless Brass Ferrules.

No.		Per Gross.
383.	Cherry, assorted, 4 sizes,	$4.00
384.	" " 3 large sizes,	4.50
385.	Applewood," 4 sizes,	5.00
386.	" " 3 large sizes,	5.50
387.	Rosewood, or Turkey Boxwood, extra finish,	18.00

Handles in Bulk, 25 cents a gross less.

AWL HAFTS.

THREE DOZEN IN A BOX.

No.		Per Gross.
388.	Sewing Awl Hafts, Brass Ferrules,	$5.00
389.	" " " Applewood, Brass Ferrules,	6.00
390.	Pegging, " " Hickory, " "	4.25

SCRATCH-AWL AND SCREW-DRIVER HANDLES.

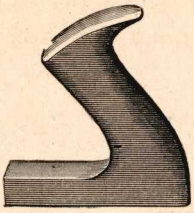
THREE DOZEN IN A BOX.

No.		Per Gross.
391.	Scratch-Awl, Cherry,	$5.50
392.	" Applewood,	6.50
393.	" Rosewood,	12.00
394.	Screw-Driver, Applewood, Flat, Slotted Ferrule,	20.00
395.	" Round, Slotted Ferrule,	10.00

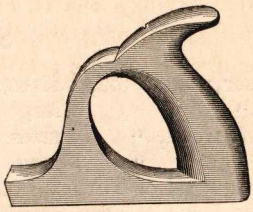
CARVING TOOL HANDLES.

No.		Per Gross.
396.	Beech, 4 sizes, $\frac{1}{2}$ to $\frac{3}{4}$,	$6.00
397.	Boxwood, 4 " $\frac{1}{2}$ " $\frac{3}{4}$,	20.00
398.	Rosewood, 4 " $\frac{1}{2}$ " $\frac{3}{4}$,	24.00

PLANE AND SAW HANDLES.



No. 1.



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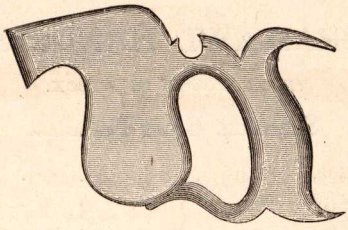


No. 5.

No.		Per Dozen.
1.	Jack Plane Handle,	$0.42
2.	" " " with Bolts,	1.50
3.	Fore or Jointer Plane Handle,	.75
4.	" " " " with Bolts,	2.00
5.	Saw Handle,	1.20
6.	" " Varnished Edge,	1.40
7.	" " " " with Brass or Iron Screw,	6.00

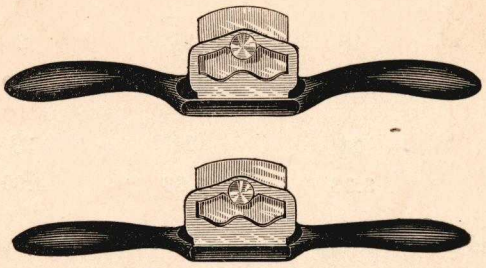
BIRCH DOOR STOPS.

ONE-QUARTER GROSS IN PAPER BOXES.

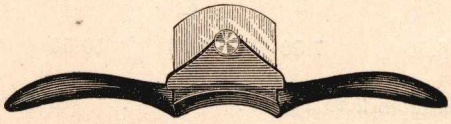
		Per Gross.
2½	inch Birch, Plain,	$4.50
3	" " "	5.25
2½	" " Rubber Tipped,	7.00
3	" " " "	7.75

CHAPIN'S IMPROVED IRON SPOKE SHAVES.

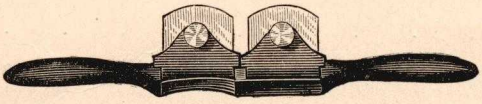
Chapin's Spoke Shaves and Box Scrapers, superior to any for the reason of the readiness of adjustment, and the Cutters made of the best English Cast Steel, tempered and ground, equal to the best Plane Irons.



No.		Per Dozen.
50.	Patent Double Iron, Raised Handle, 10 inch, 2 inch Cutter, . . .	$4.00
51.	" " " Straight " 10 " 2 " " . . .	4.00
52.	" " " Raised " Rounding Face, 10 inch, 2 inch Cutter, ...	4.00



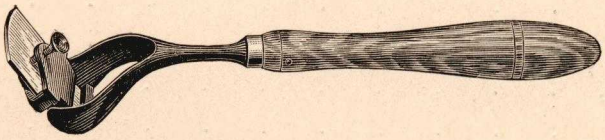
54. Patent Double Iron, Hollow Face, 10 inch, $2\frac{1}{8}$ inch Cutter, . . . $5.00



55. Patent Double Irons, Double Cutter, Hollow and Straight, 10 inch, $1\frac{1}{2}$ inch Cutters, ... $6.00

Chamfer Guides for Spoke Shaves, Nos. 50 and 51, ... 1.50

PATENT BOX AND SHIP SCRAPERS.



60. Box Scrapers, Malleable Iron, 2 inch, Steel Cutters, ... $6.00

PLANE IRONS.

MADE FROM SUPERIOR REFINED CAST STEEL.

Single Cast Steel Plane Irons, or Cut Irons, per Dozen.

$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$	$1\frac{7}{8}$	2	$2\frac{1}{8}$ inch.
$2.25	2.25	2.25	2.38	2.50	2.63
$2\frac{1}{4}$	$2\frac{3}{8}$	$2\frac{1}{2}$	$2\frac{5}{8}$	$2\frac{3}{4}$	3 inch.
$2.88	3.13	3.38	3.63	4.00	5.00

Assorted from 2 to $2\frac{1}{2}$, . . . per dozen, $3.00

Double Cast Steel Plane Irons, per dozen.

$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$	$1\frac{7}{8}$	2	$2\frac{1}{8}$	$2\frac{1}{4}$	$2\frac{3}{8}$ inch.
$3.75	3.75	4.00	4.00	$4.12\frac{1}{2}$	4.25	4.50	4.75
$2\frac{1}{2}$	$2\frac{5}{8}$	$2\frac{3}{4}$	3	$3\frac{1}{4}$	$3\frac{1}{2}$	$3\frac{3}{4}$	4 inch.
$5.25	5.50	6.50	7.50	9.00	10.50	12.00	15.00

Assorted from 2 to $2\frac{1}{2}$, . . . per dozen, $4.50

Cast Steel Grooving Plow Bits.

Per Set, ... $\frac{1}{8}$ to $\frac{5}{8}$ inch, $1.50

Moulding, Rabbet, Match, and Match Bits, all sizes in stock.

PLANE STOPS.

	Per Dozen.
Plow Screw Stop, ...	$5.00
Dado "	4.00
Filletster "	7.00
Plow Side Stop, ...	1.80
Dado "	1.80
Filletster "	3.00